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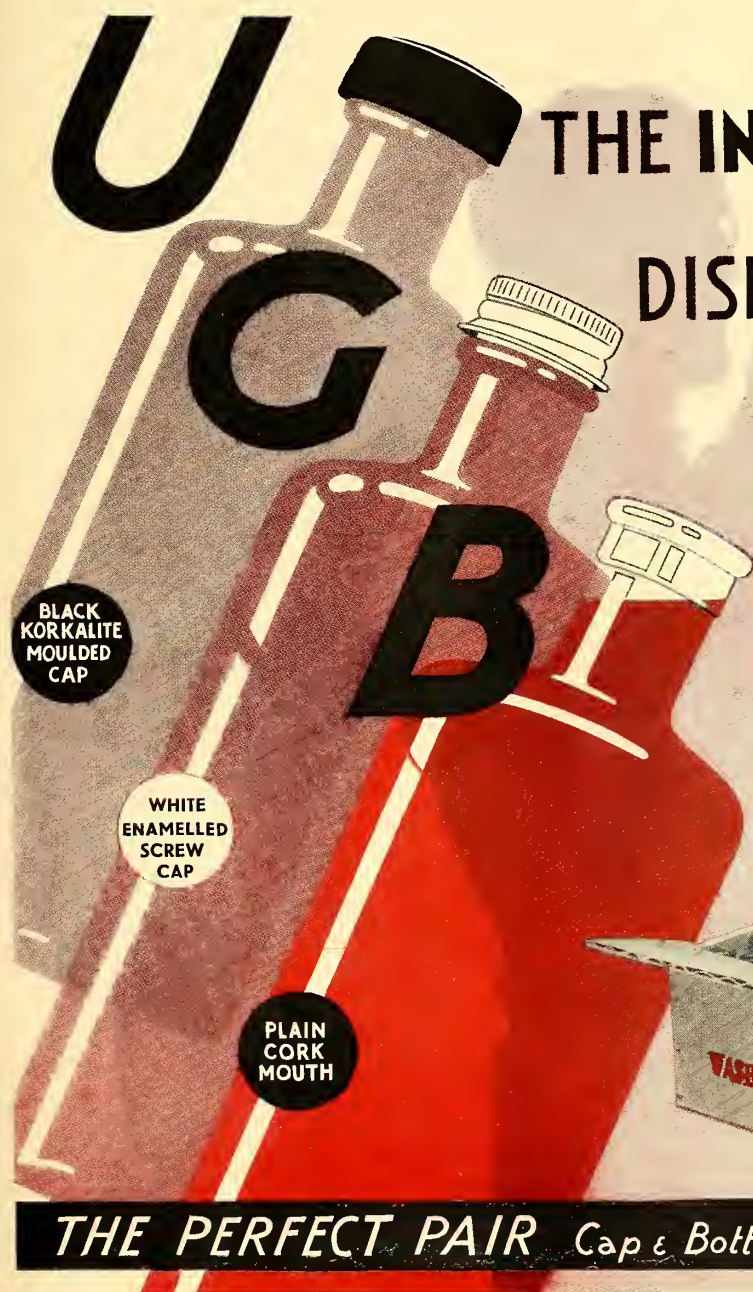
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Registered as a Newspaper

No. 2860  
VOL. CXXI

DECEMBER 1, 1934

Annual Subscription with  
Diary) 20/- Single Copies 9d.



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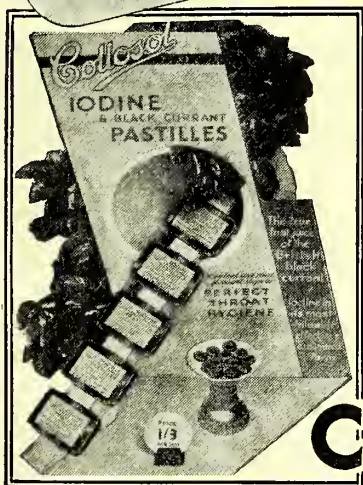
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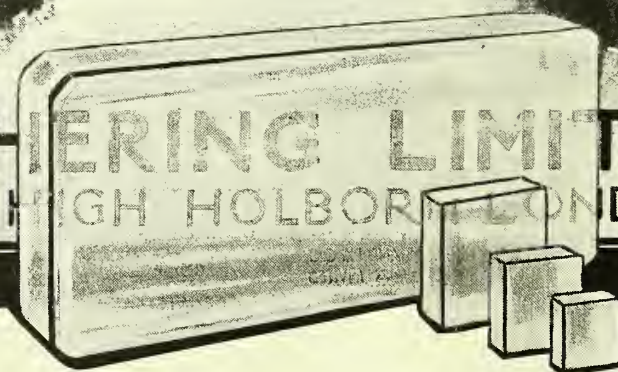
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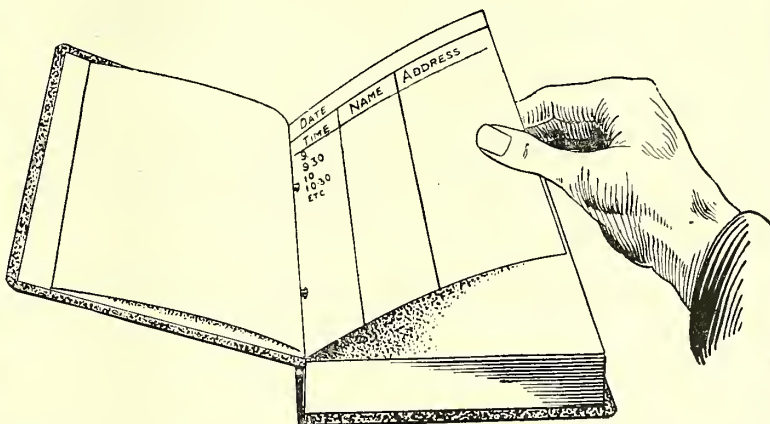
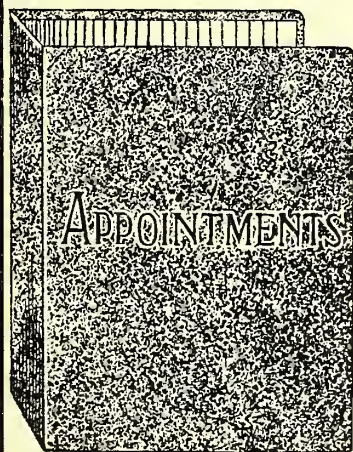
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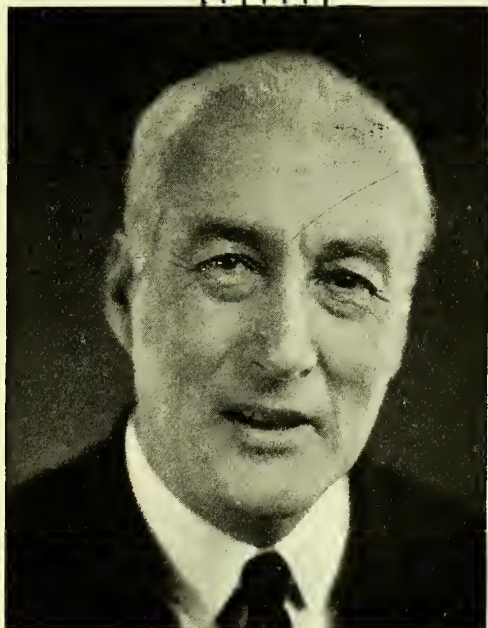
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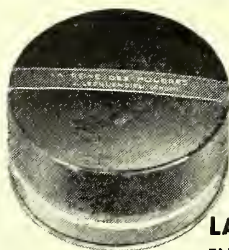
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Mount Pleasant, Alperton, Middlesex

### SPHERE SUPERB

*Powder Puffs*

Made from the finest Silkiedown Velour . . . a marvellously soft clinging surface. Lovely pastel shades. Each puff in neat transparent Silvanephane wrapper. Samples gladly submitted on request.

**BRITISH MANUFACTURE**

**FAIRE BROS & CO. LTD., LEICESTER**

9/-100 9/-100 8/-GROSS

## WANIE

*The Blade for Every Razor!*

Send for Samples to Dept. C D.

**LONDON & PROVINCIAL FACTORS, LTD.**

146 THEOBALDS ROAD, W.C.1  
and at  
16 WITHY GROVE, MANCHESTER

Enquiries from Irish Free State invited  
Wholesalers are invited to apply for Trade Terms

## TIM

HAND HONED

THE FAMOUS TIM  
REGISTERED  
RAZOR BLADE

**3/9 GROSS BRITISH BLADES**

# Shampoo by MACDONALD

**MORE THAN A GOOD SHAMPOO**

—it definitely makes the  
**hair WAVE & CURL**  
**BETTER.**



**Your next wave will be lovelier if you Shampoo with Macdonald now**

The reason why your hair loses its ability to wave and curl is that the hair fibre itself deteriorates. This is due to a number of causes. Strong sun and air, harsh shampoos, strong acids and alkalis, weaken the strong hair structure, making the hair brittle and unmanageable. The Macdonald Shampoo literally builds and strengthens hair fibres and restores them to the hair new life, restoring natural resilience to the precious resource that we call our hair.



**MACDONALD**  
CREATORS OF THE WORLD'S FINEST  
SYSTEM OF PERMANENT WAVING  
**Research Chemists**  
**discover a**

**NEW SHAMPOO**  
with Amazing Regenerating properties!



Macdonald Shampoo is a new and revolutionary discovery. It is a shampoo that will positively increase the curling power of your hair. It is a shampoo that will positively increase the curling power of your hair. It is a shampoo that will positively increase the curling power of your hair.

**Produced & Guaranteed by THE HOUSE OF MACDONALD creators of the WORLD'S FINEST SYSTEM OF PERMANENT WAVING**

**BACKED BY STRIKING NATIONAL ADVERTISING**

★ **7,386,921**

**WILL SEE THESE ADVERTISEMENTS IN**

DAILY MAIL, DAILY MIRROR, DAILY EXPRESS, SUNDAY EXPRESS, DAILY SKETCH, SUNDAY DISPATCH

**Big National Advertising Campaign now running**



## HINTS AND TINTS

Ask the experienced hair-dresser about hair-tinting and one of his first hints will be to advise Nuctone—the hair-dye that has been proved “as safe as a shampoo.” You can sell Nuctone over the counter for your customers’ own use—building a regular business with customers who come back again and again.

ORDER THROUGH YOUR  
USUAL WHOLESALER.

# Nuctone

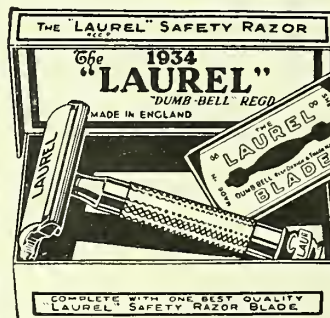
SAFE FOR GREY HAIR

STEWART, GOODALL & DUNLOP LTD.

## “LAURELS” for LADIES & GENTS

“LAUREL” REGD.  
LADIES BOUDOIR  
SAFETY RAZOR

Complete Outfit 6d.  
Blades retail at 1½d. each  
Packet of 4 for 6d.

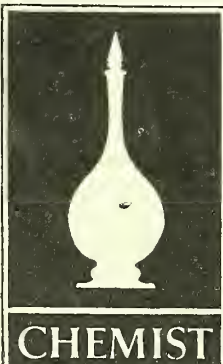


THE  
NEW IMPROVED  
“LAUREL”  
REGD.  
DUMB-BELL  
SAFETY  
RAZOR

Complete Outfit 6d.  
Blades 1½d. each  
Packet of 4 for 6d.

ARE YOU READY TO SUPPLY! ORDER YOUR STOCK TO-DAY

Geo. H. Lawrence, Ltd., Laurel Works, Nursery Street, SHEFFIELD



*Buy direct  
from the Makers*

WE ARE ACTUAL MAKERS  
OF ALL TYPES OF  
**CHEMISTS' SIGNS**

Illuminated from 65/-  
Non-illuminated „ 47/6

Let us quote you

SCINTILLATING SIGN SERVICE,  
68a COLEBROOK ROW,  
ISLINGTON, N.1  
Telephone: CLERKENWELL 1310

## “GELASIL”

The Perfect Oiled-Silk Substitute

Your customer gets more  
material. You get more profit.

- |    |                   |                         |
|----|-------------------|-------------------------|
| 1. | 36 ins. × 36 ins. | 1/8d. per Packet Retail |
| 2. | 24 ins. × 24 ins. | 1/- „ „ „               |
| 3. | 20 ins. × 10 ins. | 8d. „ „ „               |

Wholesale prices per box of 12 Packets (all carriage paid)

No. 1, 13/4d. No. 2, 8/- No. 3, 5/4d.  
or 24/- per set of 3 boxes—one of each size.

Special quotations for larger quantities.

GELAPHANE LTD., Severn Rd., Gloucester

**62% Profit on Turnover**  
by selling

**PEROX**  
**SUPER PEROXIDE**  
**TOOTH PASTE**

(Double Strength)

6d. and 1/-, price protected.

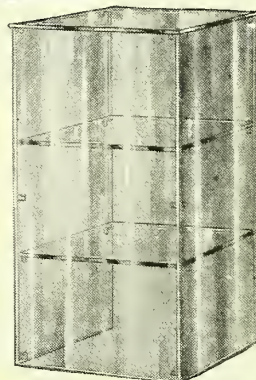
Sold by Chemists only.

Extensive range of Display Material.

**BRITISH MADE**

Send also for range of “Own Name”  
packs and keenest quantity terms

**PEROX LTD. 12, Chenies St., W.C.1.**



## THE IDEAL CHEMISTS' COUNTER CASE

The Case that prevents pilfering  
No. C.D.F. 4479

Frameless Case with chrom-  
ium plated clips. New ¼  
glass, open at back  
30" high × 15" wide × 12"  
back to front

47/6

Other size stocked

Send for our new Lists  
Nos. C.D. 1483 & 1500

**DUDLEY & CO., LTD.**

451 Holloway Rd., London, N.7

City Showrooms:  
65 FORE STREET, E.C.

# NEROLY ST. FLORA

The Efficient and Effective Substitute for  
**NEROLY BIGARADE**

Samples and Quotations from

**FLORA AROMATICS CO. LTD.**

59/60 Old Bailey, London, E.C.4



## ANZORA WAVE- SETTING LOTION FOR LADIES

A new Anzora line that is going to mean more profit to you. Beautifully perfumed and selling at the popular prices of 6d. and 1/3. Get fully stocked to meet the demand. Trade terms 4/- and 11/- per doz.

## HEADS YOU WIN . . by pushing ANZORA

Once a man has used Anzora he'll never use another hair cream. You've won his custom because he is satisfied with what you've sold him. And twenty-five years of advertising has placed Anzora far ahead of any competition. For there is an Anzora line to suit every head — dry, greasy or "glossy." Get your fair share of the millions of users of Anzora by displaying it prominently. Remember — there is 33 1/3 % profit on every quick sale.

*The only  
Gold Medal Hair Cream*

# ANZORA

**MASTERS THE HAIR**

**ANZORA PERFUMERY CO., LTD., LONDON, N.W.6**

### TRADE TERMS :

Cream and Viola  
8/- doz. Retail at 12/-  
12/- " " " 18/-  
20/- " " " 30/-  
Brilliantine 8/- doz.  
Retail at 12/-

## CHRISTMAS GIFTS

HERE are two lines that are worth handling. Delightful Perfumes and assorted Coffrets attractively packed in artistically designed boxes free of advertising matter. Exceptionally low priced.

## "PARIS" PACK PERFUMES COFFRETS, etc.

*Send for a copy of Hay's Christmas  
Supplement, and further particulars.  
Write to. Dept. 20*

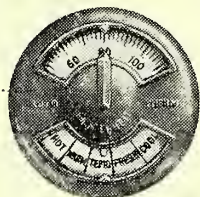
# HAY'S

*Manufacturing Chemists, Hull*

## Hot Sellers

### ROTOTHERM

the NEW Thermometer  
Supersedes mercury and glass  
**ACCURACY GUARANTEED  $\pm 1\%$**



Desk Model in various finishes  
from 3/6

Bath Model floats in water, easily  
read, gives correct temperature  
3/6

Enquire for comprehensive leaflet  
*The Ideal Xmas Gift*

## ALUMINIUM HOT WATER BOTTLES

High grade aluminium  
Fluted or corrugated  
Capacity 3 pints  
Retail 4/11

Also "Corfield Junior"  
Capacity 2 1/4 pints  
Retail 2/11

Every Bottle Guaranteed

A special competitive line  
Capacity 2 1/4 pints 1/-



## CORFIELD Ltd.

TRAFALGAR WKS., MERTON ABBEY, LONDON, S.W.19

Tel. No. : Liberty 11'4

Tel. Add. : Corlalg, London

## Are You Stocking The Sportsman's Present This Christmas?

We know from last season's demand, and from present wide-spread indications, that Physical Culturists, Athletes, Footballers and Motor Cyclists, and their men friends, will be giving the



this year. They all know, thanks to our persistent National Advertising, and testimonials from leading sportsmen, that the "Litesome" Body Belt is a gift worth having. And for these good reasons:—

It is a reasonably priced article. It is essential to every sportsman's well-being. It supports and braces the delicate muscles of lower abdomen and loins. Safeguards against overstrain, rupture, varicocele, and prostate gland. Preserves energy and alertness. Wards off fatigue. Not a surgical appliance—but a muscular supporter designed specially for Athletes and Sportsmen. Be prepared for the demand.

Send now for sample and terms

FRED HURTLEY LTD., Victoria Park Mills, Victoria Road, KEIGHLEY.



Advertised from January to December and never fails to give satisfaction. Also SU-CAN Soluble for instant disposal.

From your Wholesale House, please.

ROBINSON & SONS LTD. CHESTERFIELD & LONDON

## HOT WATER BOTTLES

HANCOCK'S HANDMADE HOT WATER BOTTLES are built for service under the most exacting conditions. Only the strongest fabric and the best quality rubber are used. The seams are specially reinforced and solid stoppers are fitted. There is 120 years' experience behind each bottle. Made in Red or White.

Hancock's are also manufacturers of the finest quality Moulded Bottles in varieties of colours plain or marbled.

Write for name of Stockists.

JAMES LYNE HANCOCK LIMITED

THE FIRST RUBBER FACTORY IN THE WORLD  
266 GOSWELL ROAD, LONDON, E.C.1

Phone : Clerkenwell 4410-4412

FOUNDED 1820

Grams : Masticator, Barb, London

# YOU will be asked for LASTONET



## the New Lastex-thread Supporting Bandage

Lastonet—light, comfortable and allowing new freedom—is superseding all other kinds of elastic supporting bandage. Advertised in the "Daily Mail," etc., Lastonet is selling freely wherever it is stocked and shown. Be ready to meet the demand. Send for supplies, or free sample. Use Coupon below. Retail prices: 2½ ins. wide, 2/9; 3 ins., 3/-; 3½ ins., 3/6; 4 ins., 4/-.

## THE MEDICAL SUPPLY ASSOCIATION LIMITED

167-173 Gray's Inn Road, London, W.C.1

Telephone: Terminus 5432.

Branches: 95 Wimpole Street, W.1; Sheffield; Edinburgh

### COUPON

C.D. 1934

Please supply (1) .....dozens .....inch LASTONET Bandages. (2) Particulars of LASTONET Bandages, and free sample.

Name.....

Address.....

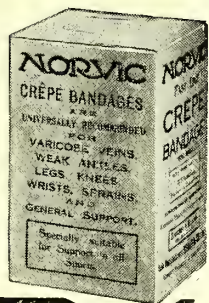
# NORVIC

## BLUE CARTON CRÊPE BANDAGES

The Blue Carton, prominently displayed in the window or on the counter will increase your crêpe bandage sales enormously. A.P.A.T.A. LINE with FULL 33% PROFIT.

From leading wholesalers.

Sole manufacturers: Groat & Co. Ltd.  
35 Wood Street, London, E.C.2.



## SOUTHALLS SANITARY TOWELS

You need only stock the full range of Southalls' Sanitary Towels to satisfy the needs of all of your customers.

- The "ORIGINAL" and most popular.
- The "CELTEX" soluble, easily disposed of.
- The "K" made entirely of absorbent cotton wool, with very soft cover.
- The "COMPRESSED" for travelling. A very popular line.

SOUTHALL BROS. & BARCLAY, LIMITED, BIRMINGHAM

# COVERS FOR HOT WATER BOTTLES

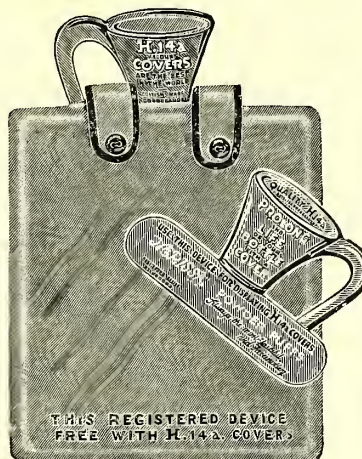
WE MANUFACTURE COVERS  
IN A WIDE RANGE  
OF ATTRACTIVE  
QUALITIES AND STYLES

VELOURS, VELVET CORDUROY,  
FANCY CHECK, PLAIN AND PRINTED  
PLUSH, RIPPLE, ETC.

"SOLPORT'S GOODS ARE GOOD GOODS"  
= QUALITY COUNTS =

## QUALITY H.14a VELOURS

The Best Velours Cover Made



TO HELP YOUR DISPLAY, WE  
ARE SENDING, FREE OF  
CHARGE, TWO OF THESE  
REGISTERED DEVICES WITH  
EVERY DOZEN H.14a COVERS

# SOLPORT BROTHERS LIMITED

184-192 GOSWELL ROAD, LONDON, E.C.1

OBTAINABLE FROM ALL LEADING WHOLESALERS

# ZEAL

## Clinicals

**The Choice  
of Experts**

**BRITISH  
MADE**

NO HIGHER  
IN PRICE THAN  
NONDESCRIPT  
MAKES

Also Household, Bath  
and Works Thermometers,  
the best of their kind

**G. H. ZEAL LTD.**  
MORDEN RD., MERTON,  
LONDON, S.W.19  
Phone: Liberty 2283-4-5



## WILLIAM MATHER, LIMITED

DYER STREET, MANCHESTER. (Established 1826)



ZINC OXIDE and RUBBER ADHESIVE PLAISTER  
ON SPOOLS.


POROUS PLAISTERS. ELASTIC PLAISTER BANDAGES.  
ANTISEPTIC PLAISTER DRESSINGS, "CROCUS" CORN  
COMFORT, Etc.

## XMAS WINDOW DISPLAY

OUR NEW CATALOGUE OF WINDOW SHOW-  
CARDS, VALANCES, CREPE PAPERS AND ALL  
THE LATEST CHRISTMAS DISPLAY NOVELTIES  
IS NOW READY. SEND AT ONCE FOR LIST  
No. 1530 POST FREE ON APPLICATION.

**J. C. KING LTD.**  
DISPLAY SPECIALISTS  
42-60 GOSWELL RD., LONDON, E.C.1  
PHONES: CLERKENWELL 2316 (6 LINES).

## PARAFFINUM LIQUIDUM, B.P.

OLEUM  OLIVAE

**G. E. THURLEY & SON**  
UNITY WORKS  
LATIMER ROAD  
LONDON, E.7

PHONE  
MARYLAND 4656

## Selling more than ever !

The demand for **Simpkin's Halibut Liver Oil Hexagons**—the new tonic sweetmeat—continues to become greater and greater. Recommended by the Medical Profession—these delicious health-sweets are

Therapeutic dose — 4 Hexagons.

recognised as the ideal protection against winter's ills. Containing Crookes Halibut Liver Oil (1,000 B.P. Units), they are bone-forming, energising and build up the inner resistance.

Don't let your stocks get low.

**A. L. Simpkin & Co. Ltd., Barley Sugar Works, SHEFFIELD, 6**  
Depots throughout the British Isles.

● LISTEN IN TO  
**LUXEMBOURG**  
ON THURSDAY,  
DEC. 6th, 7 TO  
7-15 P.M. AND  
HEAR HOW  
**Simpkin's HALIBUT**  
**HEXAGONS** ARE  
BEING ADVERTISED

# Simpkin's HALIBUT LIVER OIL HEXAGONS

SOLD OUT SEND 600 DOZEN EACH SIZE AT ONCE  
 INCREASE LAST ORDER BY 6 DOZEN  
 SOLD AS SOON AS DISPLAYED  
 SOLD OUT IN ONE DAY SEND MORE

# CLOTABS *set the wires humming!*



Within eight weeks of being launched on the national market, Clotabs achieved spectacular success. Many chemists sold out their entire stocks in two or three days—great wholesale firms wired big repeat orders from the other end of England, and reports tell us that as fast as Clotabs are displayed in the window they are sold. And it will pay all chemists to show this product. For every sale induced by human advertising in 88 leading newspapers and magazines brings a profit of 33 $\frac{1}{3}$ % on turnover on direct orders. Macleans Ltd., Gt. West Road, Brentford, Middlesex. 'Phone: Ealing 6616. Wires: Macleans, Brentford.

PRICES: Retail 1/3, 11/6 per dozen. Retail 3/-, 28/- per dozen.

It will pay you to display **CLOTABS**  
 AND LINK UP WITH NATIONAL ADVERTISING

## MODERN SHOP FRONTS & FITTINGS

WRITE FOR DESIGNS AND PRICES STATING REQUIREMENTS. TERMS ARRANGED.

**F. RUSHTON & SONS**

COMPLETE SHOPFITTERS

PHONE: CITY 5161

5 BUDGE ROW,

QUEEN VICTORIA STREET,  
LONDON E.C.

### ENGLISH OIL OF CAMOMILE

(ANTHEMIS NOBILIS)

From Plants Grown on My Own Farm

**R. W. B. STARKE**

The CHESTNUTS FARM, EYE, SUFFOLK

Also ENGLISH CAMOMILE FLOWERS

### WE SPECIALIZE in Pharmaceutical Printing of all kinds:—

Bottle Labels, Printed Wrappers, Descriptive Booklets and Folders, Showcards—in fact everything for the wholesale and retail Chemist

**BURALL BROTHERS**—Commercial Printers

Phone: Wisbech 113

Wisbech, Cambridgeshire

Grams: Burall, Wisbech

IF YOU WANT A KEEN PRICE AND A GOOD JOB, LET US KNOW

## URICURE TABLETS

Greatest of all Rheumatic Remedies

1/3 SIZE 7/- DOZ. 3/4 SIZE 17/6. 5/16 SIZE 25/-

THE ACTON PILL & TABLET CO. LTD. ASH VALE, SURREY

### STEAMY WINDOWS!

You must ensure that your Christmas window displays can be clearly seen by the public.

### THE UNIVERSAL WINDOW DRYER

a sure cure for steamy windows.

Made in three sizes: 7/6, 12/6 and 15/- delivered.

Write to: **MARCUS WALTON & CO.**

42 George Street, Portman Square, LONDON, W.1.

ALL CHEMISTS SHOULD STOCK

## ABDINE

THE GOLD MEDAL HEALTH DRINK. Quick Seller. Big Profits. Over 60 years' Reputation. "Abdine" is obtainable from the Wholesale Houses. Attractive Display Material constantly available.

DUNCAN McGLASHAN LTD., ABDINE WORKS, WESTFIELD RD., EDINBURGH

**'DOMCO'** (Regd.) MALT & COD LIVER OIL AND MALT & HALIBUT LIVER OIL are exceptionally palatable preparations carrying a good profit margin

Both these quality products are supplied in 1, 2, & 7 lb. jars individually wrapped, or in 1 lb. containers for N.H.I. purposes.

Quotations from—

**D. MAWDSLEY & CO.** 4 & 6 Riga Street, Shudehill, MANCHESTER

**IF YOU WANT BETTER BOTTLES - BETTER SEE BARNETT!**

MANY NEW IDEAS JUST INTRODUCED

**JACK L. BARNETT LTD.**

18 BASINGHALL ST. LEEDS 1. Phone 28447

**TENZ**  
SELL AT SIGHT

A quick selling sideline is always worth while. Here is a profitable one for you. Tenz Tablets speedily remove breath odours in a pleasant fashion and there is a remarkable demand for them. Neatly packed in dainty outers, they take up very little counter space—but they do sell. Order direct from your usual wholesaler.

**TENZ (London) LIMITED,**  
59/60 Chancery Lane, London, W.C.2



### SHADEINE

FOR TINTING GREY HAIR

This popular article is largely advertised and stocked by all Wholesale Houses.

Trial size sd., per doz. .... 6/-

1/4 size, per doz. .... 12/-

2/5 size, per doz. .... 24/-

3/5 size, per doz. .... 36/-

The SHADEINE Co., 58, Westbourne Grove, London, W.2

### Louis de Luxe Products

ALL TOILET PREPARATIONS

PROPRIETORS:

**Low, Son & Haydon, Limited**

5 GT. QUEEN ST., LONDON, W.C.2

TELEPHONE: HOLBORN 6410

EST. 1790

COURT PERFUMERS

### CONTRACEPTIVES

We have been supplying Contraceptives of all kinds now for over 30 years and our well-known **Safeguard & Empire** Brands are still as popular as ever. THESE FACTS SPEAK FOR THEMSELVES and prove the confidence we have secured which is the fundamental principle in selling these goods.

All our Brands are guaranteed to be of the finest manufacture. Write for complete Price List and Samples.

**BURGE, WARREN & RIDGLEY, LTD.**  
91-92 Great Saffron Hill, London, E.C.1

### OPTICAL TUITION

FOR THE

**S.M.C., B.O.A. and N.A.O. DIPLOMA Examinations**

Particulars:—

**G. A. SCURR,** F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.  
50 HIGH STREET, BARNET, LONDON, N.

### F. MAUND & E. BERG (SHOWCASES) Ltd.

SHOPFITTERS & SHOPFRONT BUILDERS

175/9 OLD STREET, LONDON, E.C.1

Telephone: Clerkenwell 1782/3

are offering for sale, at competitive prices, an extensive and exceptionally full range of Chemists' Fittings, Second-hand and New.

## FREE and POST FREE NEW CO-RE-GA CARD

Display it and increase your sales

**THOS. CHRISTY & Co., Ltd.,** Old Swan Lane, London, E.C.4

## AN ENTIRELY NEW TYPE OF COATING PAN

All gears and working parts, running in an oil bath, are enclosed in the pillar which keeps them free from dust, sugar, etc., thus increasing the efficiency and reducing the time and cost of maintenance.

## THE MANESTY COPPER COATING PAN

is made in a standard size of 30" diam. The parts that bear the most strain are made of extra thickness.

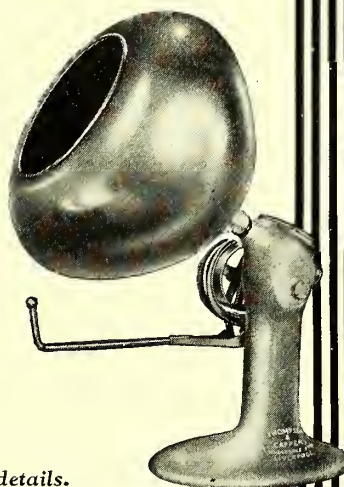
A large diameter shaft holds the pan, and the whole weight is taken by a large ball-bearing thrust.

The pan is driven by fast and loose pulleys, and has a very convenient striking gear. Outside bearings are fitted with grease gun lubrication, and plates cover up the end of the spindles, thus preventing dust from getting to the bearings.

We also supply galvanised iron pans.

### SPECIFICATION

Height : 4' 6"  
Pulleys : 10" x 2"  
Power reqd.: 1½ h.p.  
Floor space : 55" x 30"  
Speed : 180 r.p.m.



Write for fuller details.

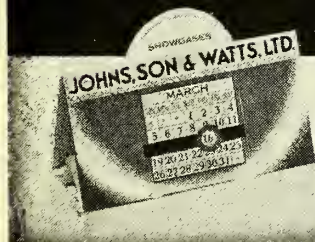
## THOMPSON & CAPPER WHOLESALE LTD.

MAKERS OF CHEMICAL & PHARMACEUTICAL MACHINERY

MANESTY BUILDINGS, 5 COLLEGE LANE, LIVERPOOL, 1

CARTONS  
FANCY BOXES  
SHOWCASES  
FOLDING BOXES  
WIRE-SEWN  
BOXES  
EMBOSSSED &  
PRINTED LABELS  
SHOWCARDS  
NOVELTIES, Etc.

● May we quote you?



**JOHNS, SON & WATTS**  
LIMITED / 40 CITY ROAD, LONDON, E.C.1

Telephone : Clerkenwell 1128  
Telegrams : Johns, Phone, London.



### **“Yes, I’ll take that one, please!”**

Getting buyers to say that is not an easy task, it is a matter of working him or her into the proper frame of mind and you must do many things before they will act and buy.

I daresay you’ve made improvements in the product or service you sell. You’ve added new items and discontinued others. Your business has not stood still, neither have your customers, but some concerns will get more than their normal share of business this year. Not because their sales force will work harder than others, although this will certainly help, but because they will recognise a change in the mind of the buyer, and will adjust their selling methods to meet it.

Many of the men in responsible jobs are young. Many are new to their duties, but they have done a lot of thinking. They look at the organisation of their activities in terms of efficiency and future development.

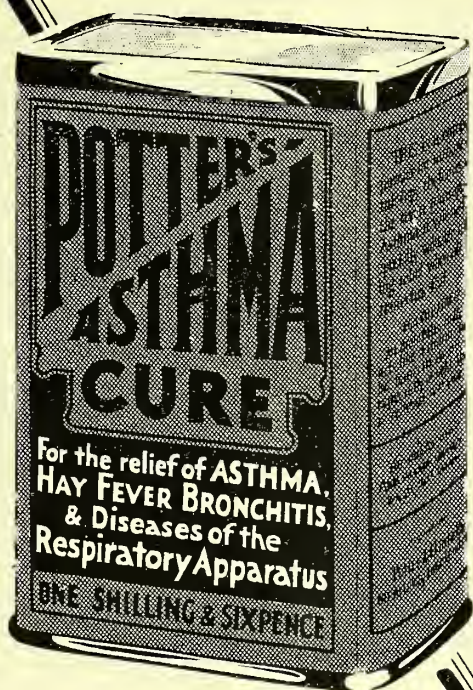
I am going to suggest therefore, that this is the time to examine your booklets, catalogues and other printed pieces, and to bring them into line with the new perspective. The business man who does this and presents his selling story to these young men in an efficient manner will gather a reward in more orders. If you would like the assistance of someone who is anxious to give you a wholehearted service in this direction, I hope you will communicate with us.

---

Thomas Waide & Sons, Ltd., the Printers and Lithographers of Kirkstall Hill, Leeds, will be pleased to co-operate with business men who use Printing for the development of more trade. Ideas and suggestions are prepared free of charge and without obligation of any kind to you.

---

**THOMAS WAIDE & SONS LTD**  
*Kirkstall Hill Leeds 5*



# Potter's Asthma Cure

•  
WRITE FOR PARTICULARS  
OF BONUS TERMS  
•

ADVERTISING IS  
CONTINUOUS AND  
CARRIES ON THROUGHOUT  
THE YEAR

LOOK TO YOUR STOCKS

RETAIL 1s. 6d. P.A.T.A.  
PER DOZ. 14s. 0d.

***We print  
customers' name  
and address on  
3 doz. lots where  
asked for***

---

## POTTER & CLARKE

LTD.

60-64 ARTILLERY LANE, LONDON, E.1.

'Grams : "Horehound, Phone, London."

'Phone : Bishopsgate 4761 (5 lines).

AND AT 77 DANTZIC STREET, MANCHESTER, 4.

'Grams : "Horehound, Manchester."

'Phone : Blackfriars 8734.

## KING'S FOR SHOPFITTINGS



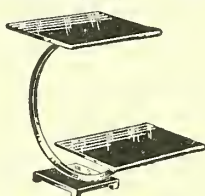
Ref. No. H 3249 Round Section Metal Display Pedestals, fitted with Rubber Studs at Top and Bottom. Stocked in the following sizes:-

Height	Brown Bronze Finish	Chromium Plate Finish
9-in.	1/3 each	2/6 each
12-in.	1/6 "	3/- "
15-in.	1/9 "	3/9 "
18-in.	2/3 "	4/6 "
21-in.	2/9 "	5/3 "
24-in.	3/3 "	6/- "
30-in.	3/9 "	7/6 "

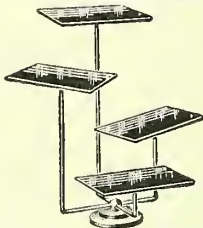
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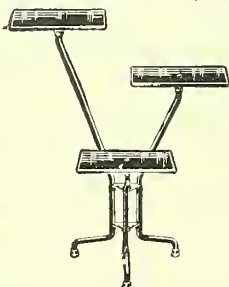
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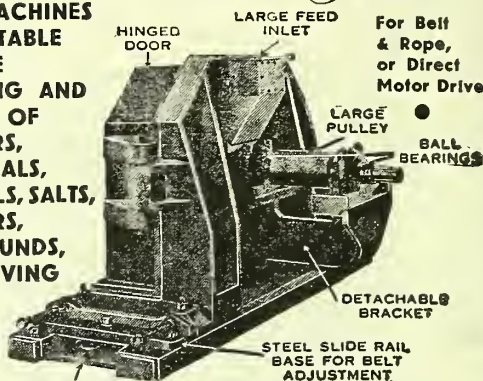
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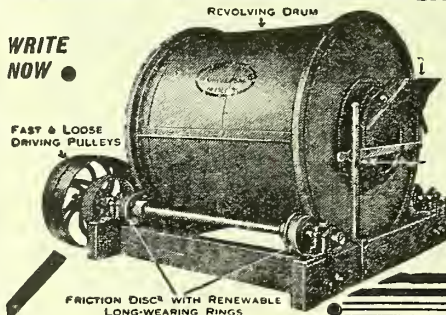
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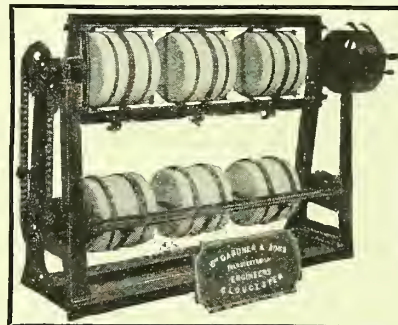
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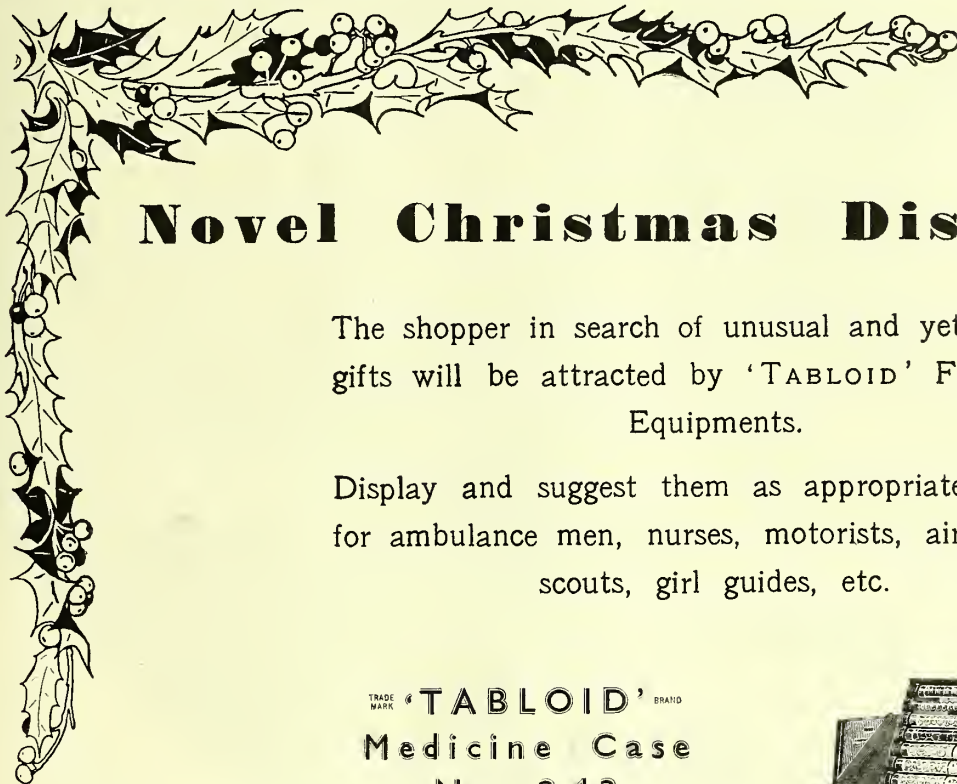
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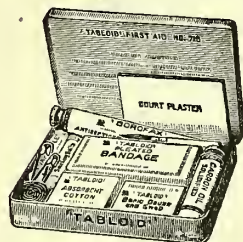
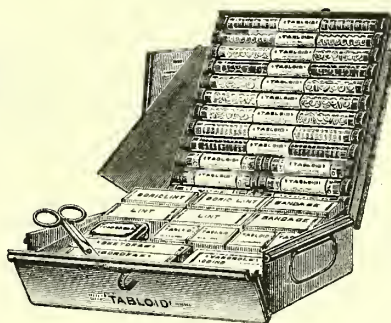
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A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

*The official organ of The Pharmaceutical Society of Ireland,  
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The Chemists' and Druggists' Society of Ireland, and of  
other Chemists' Societies in Overseas Dominions*

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## News of the Week

### Revised Import Duty on Pepper

Under the Import Duties (Substitution) (No. 2) Order, 1934, the Treasury has directed that the rate of duty chargeable on imports of PEPPERCORNS, the fruit of *Piper nigrum*, unground, shall be at the rate of 7s. 3d. per cwt.; to operate on and from November 23, 1934. The import duty previously in force was at the rate of 5s. 6d. per cwt., which was put into operation on February 8, 1934. Prior to that date the duty was 10 per cent. *ad valorem*.

### Closing at Christmas

The Home Secretary has made an Order under Section 7 (1) of the Shops (Hours of Closing) Act, 1928, suspending the operation throughout England and Wales of the provisions of that Act relating to general closing hours from Tuesday, December 18, to Monday, December 24, 1934, both days inclusive. This Order has also the effect of suspending the operation during the period of evening closing orders made under the Shops Act, 1912. It does not affect that operation of the weekly half-holiday and other provisions of the Shops Acts.

Cambridge Chamber of Commerce has decided in favour of closing on Tuesday, Wednesday and Thursday of Christmas week, and closing at the usual time during the preceding week with the exception of Friday, when the hour will be 8 p.m.

### Publication of the British Pharmacopœia

In the course of his presidential address at the opening of the hundred and fortieth session of the General Medical Council, on November 27, Sir Norman Walker called attention to certain deficiencies in legislation affect-

ing his profession. One of these, he said, was in Section 3 of the Medical Council Act, 1862, which laid down that, on the date of publication of a British Pharmacopœia it immediately became official, although manufacturers had not yet been allowed to see the text. During the preparation of the last two Pharmacopœias arrangements had been made to give manufacturers confidential access to the proofs, but there were interests which would be better satisfied if the Pharmacopœia were not made official for three or six months after it was published. He had been in communication with the Lord President of the Council concerning this and other difficulties, and was hopeful that parliamentary action might be taken to remove them.

### Inquests

An unusual cause of death was disclosed at a Plymouth inquest, on November 21, on the body of Mrs. Williamson-Jones, who, it was stated, swallowed fragments of glass broken off the end of a tube through which she was taking medicine. A verdict of "Accidental death" was given.

An inquiry was concluded at Battersea, London, S.W., on November 27, concerning the death of Mrs. Ballard, Gassiot Road, Tooting, wife of a herbalist. The jury, after a brief retirement, returned a verdict that Mrs. Ballard died from strangulated hernia, and death was accelerated through neglect by her husband, not amounting to gross neglect. At a previous hearing Mr. Ballard said his wife had made him promise that he would never in any circumstances call in a doctor. The coroner, after the verdict had been given, said: "One feels that at present people without proper medical education are working in the dark. Not only

that, but their patients are obviously prevented through these activities from getting proper treatment elsewhere."

### Burnley

At a well-attended meeting of the Burnley Branch of the N.P.U. and Burnley Chemists' Association, held at the Café Royal Reception Rooms on November 15, the principal speaker was Mr. Thomas Hardy (a member of the N.P.U. Executive). His subject was "A Survey of N.P.U. Activities." In the time at his disposal he gave a fairly complete summary of the work of the N.P.U. and C.D.A. with many interesting particulars. An enumeration of some of the claims against chemists undertaken by the C.D.A. considerably surprised and impressed the meeting. The Chemists' Sickness and Provident Society claimed the speaker's special attention, as he was chiefly responsible for its creation. Its healthy financial state is a tribute to its management. Questions were asked by Messrs. T. Ralph, G. Briggs, J. Hayhurst, W. Scholfield, H. Croasdale, A. Andrews and M. W. Tomlinson, and discussion was prolonged to a late hour. Mr. G. Briggs proposed a vote of thanks.

### Eastbourne

The thirty-sixth annual meeting of the Eastbourne and District Pharmaceutical Association was held on November 20; there was a fair attendance. In the annual report the secretary said the session had been an exceptionally busy one, and they had the satisfaction of winding up the year with a good balance. Mr. F. J. Crisford (chairman) thanked the president (Mr. H. C. Browne) for his untiring services. Mr. H. C. Browne was unanimously re-elected *President*. He thanked the members for re-electing him. Mr. F. J. Crisford was elected *Vice-President*, Mr. D. Marchant, *Treasurer* and *Secretary*, and Mr. F. J. Crisford, *Assistant Secretary*. The following were elected delegates to the Federation of South-Eastern Pharmacists:—Miss H. C. Senior, Mr. G. Checkley and Mr. T. G. Hunnisett. The Pharmaceutical Education Advisory Committee was elected as follows:—Messrs. G. Checkley, A. C. Harmer and H. C. Browne.

The eleventh annual meeting of the Eastbourne and District Branch of the Pharmaceutical Society was held on November 20. The officers, after being thanked for their services, were re-elected as follows:—*Chairman*, Mr. H. C. Browne; *Vice-Chairman*, Mr. F. J. Crisford; *Secretary* and *Treasurer*, Mr. D. Marchant; *Assistant Secretary*, Mr. F. J. Crisford. The dinner is to be held on January 16, 1935, at the Grand Hotel. Notice was also given that Dr. H. E. Archer (pathologist to St. Bartholomew's Hospital, London) had consented to give a lecture on "The New B.P.C.," on March 6. It was decided to try to form a junior section of the Branch, and Mr. A. C. Harmer volunteered to canvass the likely members, associates and others.

### Leamington

The Warwickshire Branch of the Pharmaceutical Society met at Leamington on November 15 to hear an address by Mr. E. H. Simmons (a member of the Society's Council) on "The Proposals of the Poisons Board." The interest of members was shown by the large attendance, which filled the Council Chamber of the Town Hall. In explaining the reasons which influenced the Pharmaceutical Society to give their support to the Bill, Mr. Simmons said that he was convinced that when once the Act was in operation and the present proposals of the Board clarified and adjusted, he had no doubt much of the apprehension caused by those proposals would prove unfounded and the Act itself prove a boon to pharmacy. Since the publication of the proposals of the Board numerous suggestions, improvements, resolutions and adjustments had been submitted, and the Board was now considering their practicability or otherwise. Mr. Simmons emphasised the advantage hoped to be gained by the administration of the Act being in the hands of the Pharmaceutical Society, which would be acquainted with, and sym-

pathetic to, the many difficulties of the pharmacist. After questions and discussion, ably replied to by the speaker, a hearty vote of thanks was accorded to Mr. Simmons. The business of the meeting included a resolution of regret at the retirement of Mr. Frank Browne and appreciation of his valued services to the Branch.

### Liverpool

Bell & Sons, Ltd., Silverdale Works, Liverpool, have applied for a licence to sell agricultural and horticultural poisons.

At a recent Merseyside meeting a pharmacist related the story of a youth who walked into his shop one day and asked, "Do you require an apprentice?" The chemist replied that he did not think so at the moment. "Oh, I thought you wanted one," remarked the youth, "because I wrote to the Pharmaceutical Society and they replied that you were in a position to train apprentices."

At a meeting of the Liverpool Chemists' Association on November 22, presided over by Mr. John Rae (vice-president) an interesting review of "The New British Pharmaceutical Codex" was given by the editor, Mr. C. E. Corfield. A number of important changes had been made, said Mr. Corfield. In the crude drugs group, for example, nineteen new drugs had been added, while sixteen additions had been made in the group of modern drugs. In "Action and Uses" they had a section dealing with the action and uses of all the pure substances. Regarding the second part, they had included a section on surgical dressings. These had been included in the Codex of 1923, but they had been scattered throughout the book. They had only put them under a section now, and there were monographs on every conceivable dressing. They had introduced over 800 references to proprietary trade names, and as the years went by they would bring this up to date. In thanking the lecturer, Mr. John Rae said the one general criticism that he would make was that the Codex had unfortunately copied the abbreviations that had been introduced in the B.P., many of which did not abbreviate by more than a letter taken off the end of the word. He was pleased to note that they had only made revisions of old formulas and not introduced them under new names, as had been done in the new B.P. with disastrous results in many instances. Mr. Alec Rae said the Codex was, without a doubt, a most useful book of reference. The B.P. was a very useful work, but if they came across any knotty problem, they took down the Codex. He thought the headings to the pages could be very usefully improved. Regarding sterilisation, he did not find any reference to the sintered glass filter. The president (Mr. G. L. Clubb) proposed a vote of thanks to Mr. Corfield. This was seconded by Mr. L. Moreton Parry, who said they were particularly lucky in having Mr. Corfield as editor-in-chief of the Codex, and paid a tribute to his abilities. Mr. A. E. Findley (chairman of the Liverpool and North-Western Section of the Institute of Chemistry) thanked the Association for inviting the Section to hear Mr. Corfield's address, and made a few comments on scientific training. In regard to meetings of the Association, if the Municipal College authorities were approached, he thought they could obtain the use of the big lecture hall, where students at the Technical School and lecturers could attend. Mr. John Rae thanked Mr. Findley for his suggestion, but remarked that they were the oldest association in the city and had used the Royal Institution building for their meetings since 1849. Mr. Corfield, replying to the vote of thanks, said that at first sight he was almost inclined to agree with Mr. John Rae on the subject of abbreviations—but not quite. He thought that doctors and pharmacists were not all in agreement with each other on that point. With regard to sterilisation, they only dealt with it in a general manner.

### London

A meeting of the Guild of Public Pharmacists was held on November 21, the vice-president (Mr. C. H. Sykes) in the chair. In spite of the foggy evening a large audience was present to hear Dr. J. Stanley White give

a lantern lecture on "The Sex Hormones." The lecturer stressed the need of a place in the pharmaceutical curriculum for physiology and zoology, in view of the ever-increasing importance of biological products in modern therapeutics. A vote of thanks to Dr. White was proposed by Mr. J. Wicliffe Peck and seconded by Miss Hodgkinson.

A recent meeting of the North-East and East London Pharmaceutical Association was addressed by Mr. W. J. Beardsley (a member of the Society's Council) on "The Draft Poisons List and Rules." A comprehensive survey of these matters was ably placed before the members. In the discussion which followed various views were expressed on many points, and after a long and informative debate it became evident that some of the problems would await decision elsewhere. The following officers were appointed for the ensuing session:—*President*, Mr. F. W. J. Hooper; *Vice-President*, Mr. Alex. S. Reid; *Treasurer*, Mr. W. Wells; *Trade and Sports Secretary*, Mr. T. Cushing; *Secretary*, Mr. T. Edwards. The *Executive Committee* was reappointed.

At a recent meeting of Fulham Public Health Committee it was stated that a food and drugs inspector wanted some glycerin of boric acid for sampling purposes. The chemist's assistant had never heard of the preparation, but not wishing to lose a customer he supplied a bottle of glycerin and a packet of boric acid, telling the purchaser to mix them at home. The report commented:—"These two chemicals do not make the preparation asked for. It is impossible for the housewife to make the product in the house, and even if she could the proportions are incorrect. Twenty-five per cent. of the original weight of glycerin has to be boiled off, assuming that all of it could be extracted from the bottle." The analyst's report on other samples showed that a sample of sal volatile was 16 per cent. deficient in ammonia, a sample of glycerin of boric acid was 60 per cent. deficient in boric acid, and a sample of iodine ointment was 98.5 per cent. deficient in iodine.

The November meeting of the North London Pharmaceutical Association was devoted to an address by Mr. C. E. Corfield, editor of the British Pharmaceutical Codex, on "The New B.P.C." The president, Mr. W. E. Swanston, was in the chair, and despite the foggy weather there were over sixty members present. Among the other matters discussed was a report from Mr. Hearle on the National Pharmaceutical Union Conference, and the cut of the Pharmaceutical Society in the contribution to the cost of carrying on the work of the branch. Mr. Corfield, in speaking on the new B.P.C., gave a considerable amount of statistical data and included the relative positions of the book as a standard in certain dominions. The more important additions were mentioned according to their therapeutic importance. The Formulary, he said, showed the greatest change, in that they had deleted many of those things which were characteristic of local pharmacopoeias. There were new elixirs, decoctions, and the preparations excluded from the B.P., 1932. An interesting discussion, led by Dr. C. H. Hampshire, followed. Others taking part included Messrs. Young, Steele, Swanston and Daniel. A hearty vote of thanks was accorded to Mr. Corfield.

### Manchester

The annual whist drive of the Salford Pharmaceutical Association was held at Winn's Café, Corporation Street, Manchester, on November 15, when nearly fifty members and friends took part. Prizes were presented by Mrs. Maskell (wife of the president) as follows:—(1) *Ladies*—Mrs. Walters; (2) Mrs. Fletcher; (hidden number) Mrs. Edwards. (1) *Gentlemen*—Mr. Walters; (2) Mr. Jacques; (hidden number) Mr. Stout.

James Woolley, Sons & Co., Ltd., held their forty-ninth annual staff dinner and dance at the New Rylands Building on November 23. Lieutenant-Colonel Watson presided, and more than 300 guests sat down to dinner. During the evening presentations were made to Mr. J. H. Ridgway on his retirement after forty-three years' service, and to Mr. W. H. Howard in recognition of

twenty years as secretary to the Employees' Thrift Fund.

Manchester golfing pharmacists were pleased to see the photograph of Mr. W. L. Coulter published in a Manchester evening paper as captain of the Prestwich Golf Club. Mr. Coulter has long been attending the matches of the Manchester and District Pharmacists' Golfing Society, when his duties would allow. He is a director of Griffiths Hughes, Ltd., and has on several occasions deputised for Mr. E. Griffiths Hughes in presenting his prize after the match.

The Guild of Public Pharmacists, Manchester Branch, held their annual whist drive on November 21 at Smallman's Café. A bridge drive was run concurrently, and ninety members and friends were present. To an onlooker it might have appeared that the affair was organised for the members to exchange gossip, so thoroughly did everybody enter into the spirit of the event. Prizes were presented by Mrs. C. U. Wanless to the following:—*Whist—Ladies*—(1) Mrs. Warburton; (2) Mrs. Webb. *Gentlemen*—(1) Mr. Sheldon; (2) Miss E. A. Jones. *Bridge—Ladies*—(1) Mrs. Cheadle; (2) Miss R. Wallace. *Gentlemen* (1) Mr. Norbury; (2) Miss Shiela Perry. Mrs. Thomas won an eiderdown and Miss Soulsby a cheese dish. Messrs. H. P. Ash, J. Roberts, A. Teesdale and C. U. Wanless acted as M.C.s.

A pleasant evening was spent at the Midland Hotel, Manchester, on November 15, when the directors of the Veno Drug Co., Ltd., entertained the departmental heads and other members of their staff to dinner. Mr. J. Stanley Holmes was in the chair, and the directors present included Sir Arthur Marshall, K.B.E., Mr. H. Gregory and Mr. A. Scott. After the loyal toast had been honoured the chairman gave the toast of "The Company," and spoke in glowing terms of the firm's very satisfactory progress and the part the staff generally had contributed towards it. Mr. Henry Gregory (managing director), replying, remarked upon the valued help and loyalty it had been his privilege to receive, not only during the past twelve months, but during the whole of his long connection as a member of the firm. Sir Arthur Marshall and Mr. Scott also spoke in eulogistic terms, after which the company were entertained to a pleasantly diversified programme of music, singing, etc.

The Manchester Medical Society celebrated recently the centenary of its foundation in October 1834. The centenary president is Dr. E. Bosdin Leech, the nephew of the late Dr. D. J. Leech—well known to many of our older readers—who was the president in the Society's jubilee year. Dr. E. Bosdin Leech took for the subject of his presidential address "Picturesque Episodes of Manchester Medical History." It seems natural that he should give the first part of his story to that very romantic episode in Manchester history in which the merely local interest was swamped by national alarm—the rebellion of '45. Of the figures who played conspicuous parts in the Manchester proceedings several were either practitioners of physic or closely allied to the fraternity. Dr. Leech gave a brief but graphic account of the Young Pretender's two days' sojourn in the town, and brought into his picture those men whose names are associated with the great adventure and who have an interest for the medical profession. Of these Dr. Jno. Byrom has a conspicuous place; as an unqualified practitioner, poet and inventor of a system of shorthand (for which, by the by, he was elected F.R.S.) he was highly esteemed. Dr. Thomas Deacon—a non-juror who also practised medicine—together with three sons, joined the rebels; the eldest son was executed with other officers of the Manchester Regiment in the following year. Of these unfortunate men were two others connected with physic, James Dawson, the son of an apothecary, and Thomas Syddall, a barber, whose profession at that time embraced "the letting of blood." A Manchester man who turned King's evidence was Samuel Maddock, an apprentice to an apothecary. Among other persons mentioned by Dr. Leech are Edward Hall, a surgeon to the infirmary; Dr. Samuel Kay, one of the first to use cod-liver oil as a remedy for rheumatism; James Braid, the inventor of the word

"hypnotism"; Samuel S. Bailey, the founder of the Somerset Hospital at Capetown; and Charles White, who kept the body of Hannah Beswick in a clock-case in accordance with her will to avoid a premature burial. One aspect of medical education in the early days of the last century was presented in the account given of body-snatching in Manchester and the part taken in it by Dr. Joseph Jordan, who could boast that no student of anatomy sent up by him for examination during twenty years had been ploughed.

### Portsmouth

Mr. F. H. Ruoff, M.P.S., secretary to the Portsmouth Pharmaceutical Committee, was one of the delegates from the Portsmouth Insurance Committee at the annual conference of the National Association of Insurance Committees held at Scarborough recently.

The eleventh annual meeting of the Portsmouth and District Branch of the Pharmaceutical Society was held on November 21. Mr. F. Hemming presided over a well-attended meeting. Mr. W. L. Egerton, sen., gave a report of the Leeds Conference as delegate from the Branch. The balance sheet, showing a balance in hand of £26 17s., was presented by the treasurer (Mr. G. W. Darling). The secretary's report showed a considerable increase in membership. The following officers were re-elected:—*Chairman*, Mr. F. Hemming; *Vice-Chairman*, Mr. W. L. B. Murray; *Treasurer*, Mr. G. W. Darling; *Secretary*, Mr. F. H. Ruoff; *Auditors*, Messrs. J. E. Eyres and J. W. Rhodes. The General Committee, sports and entertainment committee, meetings subcommittee and the education subcommittee were all re-elected with the addition of Mr. E. H. Smith (Gosport) to the education subcommittee. It was unanimously agreed that a library of reference books for the use of members and student-associates would be useful, and steps are to be taken to get together up-to-date works of reference.

### Reigate

The annual dinner and dance of the Reigate, Redhill and District Pharmacists' Association and Branch of the Pharmaceutical Society was held at Coulsdon on November 21. It says much for the keenness of the members and those of neighbouring associations that 90 per cent. of those who accepted invitations attended, on a foggy night, to support their popular president (Mr. W. E. Foster), and welcome their guests, including Mr. E. Saville Peck (vice-president of the Pharmaceutical Society), Mr. C. H. Foster (president of the South-Eastern Association), Mr. T. A. Hollings (chairman of the Reigate and Redhill Chamber of Commerce), Mr. T. Ebbutt (chairman of the Coulsdon Chamber of Commerce). The chairman, before proposing the toast of "The Pharmaceutical Society of Great Britain," thanked the company for so supporting him on such an unpropitious evening. They were greatly honoured to have with them the vice-president of the Society. Mr. Peck said he replied to the toast with gratitude as one who had passed his fiftieth year in pharmacy and who really believed in pharmacy. It was well that they should remember on such occasions some of their benefits and benefactors. Mr. Peck said he believed there were to-day in pharmacy a large number of young people only waiting for their chance to come along, and he hoped that chance would not be long delayed. The Society was worth working for, and one of which they should be proud. Mr. C. H. Foster, in proposing "The Local Association and Branch," said it was probably a unique honour for two brothers to be in the chairs of their respective associations at the same time. It was particularly an honour, he thought, to be in the chair of that Association because they had, he understood, a 100 per cent. membership and 50 per cent. attendance at meetings. It was what other associations aimed at but had so far failed to achieve. Mr. W. H. Fowler, in reply, recalled that the Association was formed in 1912 with twenty-two members. Like many others in the country, it was started entirely through the National Health Insurance Act coming in. Mr. G. S. Powell cordially welcomed "The Ladies and Visitors," and Mr. Hollings replied.

### Sheffield

Sheffield and District Branch of the Pharmaceutical Society held a dance, on November 22, at the Grand Hotel. There was a record attendance of 388. The guests were received by the chairman (Mr. A. H. Culverhouse) and Mrs. Culverhouse, and among those present were Messrs. J. P. Gilbert, C. H. Hewitt, G. F. Thompson, H. Antcliffe, John Austen, Bellamy (Barnsley), C. W. Hobson, Kerman, E. Preston and H. G. Williams. Mrs. E. Preston presented, on behalf of Mr. Preston, the past-chairman, a badge of office for the chairman. Mr. Preston, in a short speech, said he had felt for some time that dignity would be added to the office of chairman when visiting other functions if he was in possession of an official badge. Mr. A. H. Culverhouse, on behalf of the Branch and himself, thanked Mr. Preston for his valuable gift.

### Southend

The annual meeting of the Southend and District Branch of the Pharmaceutical Society took place on November 27. The following were elected as officers for the coming year:—*Chairman*, Mr. A. Stewart; *Vice-Chairman and Treasurer*, Mr. B. Baker; *Secretary*, Mr. E. B. Bunting, 20 London Road, Westcliff-on-Sea. A dinner and dance will be held at Gasons on January 2, 1935. Mr. Atkinson introduced a report of the arrangements for public medical service in Brighton. After discussion, it was decided to instruct the secretary to write to the secretary of the local branch of the British Medical Association asking him if he will consider meeting a subcommittee to discuss the possibility of introducing a similar service in Southend and district.

### Swansea

The annual ball of the West Glamorgan Branch of the Pharmaceutical Society was held at Swansea recently. About 250 guests were present, and the function was one of the most successful of its kind. The guests included Mr. John Keall (president of the Pharmaceutical Society) and Mrs. Keall, Mr. and Mrs. James Murray, Mrs. Loyley and Miss Murray (Cardiff), and others from all parts of West Wales. The prize-winners at the whist competition, held prior to the dancing were as follows:—*Ladies*, (1) Mrs. C. A. Goddard; (2) Mrs. Brazell; consolation, Miss E. Jones. *Gentlemen*, (1) Mr. A. B. Bennett; (2) Mr. W. H. Knight. Prizes, presented by local chemists, were also awarded for spot and novelty dances. The M.C.s were, whist, Mr. Gilbert, and dancing, Mr. A. C. Kent and Mr. C. O. Hutchins. During the evening Mr. Keall presented Mr. Cecil Kent with the Evans Sons Lescher & Webb golf trophy for 1934, which he won at the Swansea Bay Club, and Mr. James Murray was presented with the 1933 replica. In the absence of Mr. T. Lewis, who has gained the award, the presentation of the Rowland James cup for 1934 was held over until a later function.

### Miscellaneous

**THE ROYAL INSTITUTION.**—The Christmas lectures, beginning on December 27 and ending on January 8, will be delivered by Professor W. L. Bragg, whose subject is "Electricity."

**LONG SERVICE AWARDS.**—Presentations have been made to the following members of the staff of Burroughs, Wellcome & Co., London, to commemorate the completion of 21 years' service:—Mr. F. G. Gebbett (head office), a gold wristlet watch; Mr. C. T. Newton (head office), an oak bureau; Mr. E. G. Whiting and Mr. J. F. Lee (Wellcome Chemical Works), each received a mahogany striking clock.

**MEDICAL REGISTER, 1935.**—Orders for the office edition of the Medical Register, 1935, published at the special price of 10s. a copy, post free, must be received, with a remittance, at the office of the General Medical Council, 44 Hallam Street, London, W.1, not later than December 31, 1934. The Council also prepare monthly lists of names added to, and removed from, the Register; particulars of the terms and conditions on which copies

of these lists may be made available can be obtained on application to the office of the Council.

**IN THE COURTS.**—At Bournemouth Police Court, recently, Walter Roberts, Edward A. Johnstone and Charles Butcher were committed for trial, without bail, on charges of breaking into the shop of Gordon & Boyles, chemists, and stealing goods and money value £5 10s. —At Leeds Assizes, on November 26, Ronald Cox (45), male nurse, was sentenced to three years' penal servitude on charges of being in unlawful possession of morphine sulphate and of obtaining the sum of 5s. by false pretences from a medical man. Mr. C. B. Fenwick, prosecuting, said that the accused, posing as a doctor, obtained from a Hull medical practitioner morphine and a note requesting a chemist to supply "Dr. Anderson" with such morphia as he required. The chemist, believing that accused was a doctor, supplied him with morphia. The money was obtained from a Leeds medical practitioner.—In the King's Bench Division of the High Court, London, on November 27, Mr. J. E. Houseman, J.P., chairman and managing director of Bewells, Ltd., chemists, Pitfield Street, N.E., was awarded £500 damages, with costs, in an action for libel against the National Co-operative Publishing Society, Ltd., Temple Avenue, E.C., and two other defendants.

## Scottish Notes

### Brevities

Mr. H. H. Campbell, B.Sc., lectured on "Poisons: Their Use and Abuse" at the Heriot-Watt College, Edinburgh, recently.

While a customer was being served a few days ago in the pharmacy of J. Williamson & Co., chemists, Dundee, he suddenly collapsed and died.

Mr. H. W. Thomas, chemist and druggist, Argyle Street, Glasgow, gave a talk on "Pharmacy" at a recent meeting of the Glasgow Branch of the Institute of Trichologists.

"Anyone thinking of opening a new pharmacy," writes a correspondent, "would be well advised to consider the proximity of established chemists' businesses. Want of forethought in this direction has caused the newcomer in several instances to rue the day he started."

An extended scheme of National Health Insurance benefit is called for by the Glasgow Insurance Committee in proposals submitted to the Departmental Committee on Scottish Health Services. The Committee recommends that medical benefit should be available to all the dependants of insured persons, and that the age at which persons should become insured should be on their first entering employment after the age of fourteen years. They also recommend additional benefit to include diagnostic facilities such as x-ray, bacteriological, hospital and nursing facilities, and special services such as radium therapy and massage.

A correspondent signing himself "Humbug" complained, in a recent issue of the "Glasgow Evening News," of difficulty in getting a prescription made up after closing time on the weekly half-holiday. In the issue of the same paper for November 17, "Galen" made a neat reply, in the course of which he remarked:—"Humbug," with a little intelligent anticipation, could have ascertained the private address of his chemist and had it by him in case of emergency, or a telephone directory might have helped him. Yet again, the policeman on the beat could have obliged him. I have no doubt the doctor who prescribed could have informed him where the prescription could have been made up, and that in his own locality."

The Perthshire Pharmacists' Association and Dundee and East and Central Scottish Branch of the Pharmaceutical Society held a joint whist drive and dance on November 21. A party of over 100, including fifty from Dundee, was welcomed by ex-Dean of Guild McDonald. Messrs. Milne and Anderson (Dundee) also spoke. After supper dancing took place. The winners of whist prizes

were as follows:—*Ladies*, (1) Miss Fullarton (Perth); (2) Mrs. W. B. Forbes (Perth); consolation, Mrs. Allan (Dundee). *Gentlemen*, (1) Dr. McCall (Dundee); (2) Mr. D. Robertson (Lochee); consolation, Mr. E. Ballantine (Dundee). Spot dance prizes, Mrs. Stirling (Perth) and Mr. Gibson (Perth). Local arrangements were made by a committee consisting of Mr. Davidson (Coupar Angus), Mr. Fulton (Perth), Mr. Stewart (Perth) and Mr. W. B. Forbes (Perth), secretary. Mr. D. Robertson (Lochee) attended to the welfare and transport of the party from Dundee.

The following warning to chemists in Scotland has been issued by the Glasgow and South-Western Scottish Branch of the Pharmaceutical Society:—"A warrant has been issued by the Glasgow police for the arrest of a man who has been defrauding a number of chemists in Glasgow and the West of Scotland by calling and explaining to them that he will want an outfit for the confinement of a wife of a (non-existent) nephew whom he has promised to assist. He later returns with a list of articles which the 'nurse' considers necessary, gives the order, and pays for the goods with a worthless cheque for an amount in excess of the actual cost of the goods by possibly £4 or £5, receives cash for the £4 or £5, and asks that the goods be delivered in due course to an address given by him. If this man, whose description is 'from forty-five to fifty years of age, 5 ft. 7 in. or so in height, medium build, sallow complexion, hair grey at sides, prominent jaw-bones, very plausible, may speak with an American accent, respectably dressed,' should call upon any chemist, an endeavour should be made to obtain a police constable and detain the man on some pretext until the constable's arrival."

## Irish Notes

### Dublin and Provincial Retail Drug Association

A further meeting of the special committee appointed by the Dublin and Provincial Retail Drug Association to deal with the guild discount abuses and the sale of chemists' lines by outside traders was held on November 26, Mr. T. C. Scott (president) in the chair. The response to the circular sent out to chemists all over the Free State asking for particulars of the sale of chemists' lines by outside traders in their respective areas and the sources of such supplies was gratifying. It was evident that chemists as a body were anxious to co-operate with the D. and P.R.D.A. in every way to end this abuse and protect chemists from the encroachment of outsiders. It was a revelation—even to members of the special committee—that so many chemists' lines were now being sold by grocers, hardware merchants, and licensed saloons all over the country. Until all replies to the circular have been received it was decided to defer further consideration of this matter.

Arising out of the recent Order of the Government placing a tariff on imported cosmetics and toilet preparations, the Committee decided that in view of the many new home-manufactured cosmetic and toilet lines which would now come on the market this was an opportune time to make representations to manufacturers of such goods to keep their sale rigidly restricted to chemists and druggists. A circular was drafted for distribution to such manufacturers. Until replies were received from all the wholesale distributors in the Free State indicating their attitude towards the policy of conserving the sale of chemists' lines to chemists, further action with regard to wholesalers was deferred. Regarding manufacturers' agents for chemists' goods in the Free State, the committee decided that representations should be made to them separately to elicit their support for the committee's policy of keeping chemists' lines exclusively to chemists.

On consideration of the campaign to end the guild discount abuse several members of the committee reported that they had canvassed the chemists in their areas who were on the guild lists, and found they were willing to co-operate with the committee in any line of policy they might decide upon.

### Brevities

Mr. H. W. Sheridan, Ph.C., has opened a pharmacy at Thomas Street, Sligo.

Cork Chemical & Drug Co., Ltd., has a big display at the Cork Christmas Fair.

Mr. Samuel Gibson, J.P., treasurer of the Pharmaceutical Society of Northern Ireland, is at present indisposed, but is making good progress.

At Kilkenny Circuit Court, recently, the sum of £15 as compensation was awarded to Mr. Patrick Teehan, Ph.C., as a result of destruction to a window during a political conflict.

Several of the leading Dublin pharmacies, particularly those in Grafton Street area, are already putting in attractive Christmas gift windows of toilet goods, perfumery and dainty gift sets of various designs.

At the annual meeting of the National Council of the licensed trade of the Irish Free State, held in Dublin recently, a motion was passed calling for legislation to abolish the sale of wines, except medicated wines, in chemists' shops.

Mr. T. W. Corcoran, M.P.S.I., North Strand, Dublin, was one of the promoters of the Irish Wolfhound Club's show held at Goff's Show Yard, Dublin, on November 24. Mr. Corcoran is one of the leading experts on Irish wolfhounds, and is an extensive breeder of them.

The Irish Chemists' Golfing Society will hold their annual meeting at Wynn's Hotel, Dublin, on December 11 at 9 p.m., when a large attendance of members is expected. Members wishing to introduce new members are requested to bring such intended members to this meeting. The election of captain and other officers, and the arrangement of the list fixtures for the coming season, will take place at this meeting. The secretary's and the treasurer's reports will also be submitted.

Before Mr. Justice Hanna, in the Dublin Courts, recently, Mr. Oliver Moriarty moved for an order to release on bail Mr. Francis X. Fitzgerald, Ph.C., Limerick, who was awaiting trial. Counsel stated that the accused was allowed bail when first arrested in July and again when sent for trial from the District Court to the Circuit Court. When the jury disagreed, Judge MacElligott refused to give bail. The accused had always shown anxiety to stand trial and clear himself of the charges, and there was no probability of his trying to evade justice. Mr. T. Donovan, for the Attorney-General, opposed the application. Mr. Justice Hanna said that the elements which would disentitle the accused to bail were absent. His conduct up to the present was consistent with his being ready to take his trial. The Court must now deal with him as an innocent man, and on that ground the contention of the Attorney-General failed. It was alleged that he interfered with a witness, but the meaning of the word "interference" was not made clear. Bail would be on the same terms as before.

## Topical Reflections

By Xrayser

### The Extraordinary State of Affairs

revealed by the editorial article on p. 641 of your issue of November 24 makes one rub one's eyes in sheer bewilderment. I have read the replies from the registrar again and again; the more I read them the more bewildered I get. I am prompted to pen a conundrum: "When is a member not a member?" The answer is, obviously: "When he is a life member." Let us suppose that X is a life member of the Society, and as such is given, when paying his composite subscription, a certificate of membership. This, according to the by-laws, is to be returned to the Society when X ceases to be a member, and only then. Even if he does not return it because he has ceased to be a member, the Society has power only to demand the return of the document through a civil court, and no power to demand a penalty for failure to return it. X, in my estimation, is entitled to keep his original certificate for life, no matter what resolution the Council may have passed on February 7, 1934; to give it up in exchange for a registration certificate is to give up the only proof he has that he is a life member. The implication is, as you point out, that if he exchanges it for a registration certificate this is valid for one year only, and he may be dropped upon for a yearly subscription if he is in business.

### I Suggest

as a sub-title to the article "The Chemist's Shop" (p. 632), "As Others See Us." I shall wait with some interest for the remarks of your readers on this outspoken and fair criticism of the pharmacist and the pharmacy by a customer. His distinction between conditions twenty or thirty years ago and those to-day is aptly summed up in the statement that then it was the chemist that mattered; now it is his shop. I like his idea of a man's department in the pharmacy: I have always been a strong advocate for departmentalising in the shop, be it ever so small. He also advocates

the relegating of the drug bottles to a comparatively inconspicuous position; in their place he would substitute articles which would sell themselves because of the position in which they were placed. This is fair criticism. No drugs in drug bottles are sold because they catch the eye of the customer; toilet or other goods in the same position would certainly produce more sales. His future for our calling would seem to depend upon display and salesmanship, rather than upon qualification. He is probably right. In the eyes of the public qualification is assumed; all chemists' shops contain chemists.

### The Dublin Chemists

do not lack courage in their campaign for the better restriction of pharmaceutical goods to pharmacists (p. 631). It is a worthy ideal, and, as is pointed out in the circular issued, there is likely to be a prolonged fight with agents, manufacturers and wholesalers. One of the points to be tackled is the restriction of supplies to hospitals, institutions, medical men and nurses. It is rather difficult to understand why hospitals and institutions should be debarred from dealing with the wholesalers. Hospitals are usually voluntary bodies depending for their subsistence upon the support of the charitably minded. I am aware that this is not always the case in the Irish Free State, but the principle still holds good; they should therefore buy in the best market. Institutions are dependent upon the rates, and should also be entitled to best terms. Medical men, provided that they are supplied by wholesalers at rates that can also be charged by chemists, should surely be included. Nurses in this country are not usually supplied by wholesalers, but get a 10 per cent. discount from retailers when they present their nurses' registration cards. I suggest that the members of the Dublin Association should first stop the discounts to guilds and the indiscriminate sale of chemists' lines to non-chemist traders, and regulate the supply to staffs by wholesale houses; they can then deal with the other matters.

# New British Standard Specifications

THE most recently issued standard specifications of the British Standards Institution (Nos. 573-580) include only two for pharmacopœial substances, carbon tetrachloride and acetic acids. The remainder are for dibutyl phthalate (573), diethyl phthalate (574), hexachlorethane (577), technical acetic acids (578), technical ether (579) and trichlorethylene (580). Specifications Nos. 575 (for carbon tetrachloride) and 576 (for glacial and dilute acetic acids) disclose some interesting differences from the corresponding monographs of the British Pharmacopœia.

## CARBON TETRACHLORIDE

Passing over the respective general descriptions, the specific gravity of carbon tetrachloride at 15.5°/15.5° is given by the B.S.I. as not lower than 1.600 nor higher than 1.608, the B.P. range at the same temperature being 1.603-1.606. The B.S.I. monograph also gives a range of s.g. at 20°/20°, the standard temperature adopted by the Institution for volumetric glassware. A distillation range, to be determined as directed, is provided (not more than 2 per cent. below 75.7° and not less than 95 per cent. between 75.7° and 76.7° at 760 mm. pressure). The non-volatile residue on evaporation by the method described in an appendix is not to exceed 0.01 per cent. (B.P., 0.002 per cent. w/v). The B.S.I. test solution for oxidisable impurities is a 0.5-per cent. solution of potassium dichromate in concentrated sulphuric acid (90-98 per cent.). Potassium iodide solution (10 per cent.) is used in testing for free chlorine. The method for determining sulphur compounds (per-

missible limit, 0.1 per cent. calculated as carbon disulphide) is different from that of the B.P., and involves a simultaneous blank determination. A representative sample measuring not less than a litre is to be taken from bulk for the purposes of the specification.

## GLACIAL AND OTHER ACETIC ACIDS

B.S.I. Specification No. 576 has the same content of absolute acetic acid in glacial acetic acid as the B.P. (not less than 99 per cent. by weight). It allows slight opalescence derived from aluminium or wax-lined containers, provided this does not interfere with the carrying out of the tests given. In contradistinction to the B.P., no specific gravity at 15.5°/15.5° is given. Precise directions are laid down for determining the crystallising point, which is to be not lower than 14.8. The residue on evaporation is to be determined by the method ordered. A limit for iron (not more than 2 parts per million by weight) is provided. A test for heavy metals is given in an appendix (approximate limit, 5 parts per million). A limit of 0.2 per cent. is prescribed for formic acid, aldehydes and ketonic substances calculated as formic acid and determined as directed in Appendix K, a blank determination being also carried out. A representative sample measuring not less than a litre must be taken from bulk for the purposes of the specification. The method of drawing samples is described in Appendix L. The other acetic acids described in Specification 576 are of 80, 60 and 40 per cent. strength. All these specifications are published at 2s. each at 28 Victoria Street, London, S.W.1.

## Dental Board of the United Kingdom

THE twenty-seventh session of the Dental Board of the United Kingdom opened at 44 Hallam Street, London, W.1, on November 13, the chairman (the Rt. Hon. Sir Francis Dyke Acland, Bt.) presiding. Following the roll call came the chairman's address, about three-fourths of which consisted of biographical notes on the six new members of the Board and on the six who have left it. The address concluded with an expression of pleasure at the appreciation of dental work done in schools and at the conferment of an honorary doctorate on the chairman.

## DISCIPLINARY CASES

The first two cases taken on November 13 ended happily for the respondents, each of whom was told that his name would remain on the Register. The cases had been adjourned. The respondents were Mr. Maxmillien d'Espinay, 127 Brighton Road, Moseley, Birmingham (convicted of drunkenness), and Mr. Henry McKenzie, L.D.S., 17 Hillside Crescent, Edinburgh (convicted of disorderly conduct). It was decided that the finding in the case of Mr. Robert Stuart Smith, 21 Fore Street, Tiverton, who had been summoned to appear in consequence of convictions for being drunk and disorderly, be postponed for twelve months. In two cases reported by the Department of Health for Scotland it was found that the names of the respondents, Mr. William Gray, 243 St. James Road, Glasgow, and Mr. Samuel Morrison, Charing Cross, Larkhall, Lanarkshire, should be erased from the Register. The complaints against them referred to irregularities in carrying out contract work. The case of Mr. William Bruce, Charing Cross, Larkhall, who was similarly charged on a report by the Dental Benefit Council, was adjourned to the next session.

All the cases taken on November 14 were those of dentists who had contracted with approved societies and were alleged to have committed irregularities. It was decided to report that the names of the first two respondents, Mr. William McCulloch Lawson, 11 Promontory Terrace, Whitley Bay, and Mr. Walker Hill,

49 Hurst Road, Erith, should be erased from the Register. In the other three cases the facts were found to be proved, and each of the respondents—Mr. Samuel Blain, 7A Mardol Head, Shrewsbury, Mr. Arthur Bates, 396 Glossop Road, Sheffield, and Mr. Thomas William Field, 1 Chester Road, Bromborough—was given twelve months for the production of satisfactory testimony.

(To be continued)

## Prescription Problem

OUR next problem is given below. Exact transcriptions of the prescription are invited on postcards only (one attempt), which should reach the Editor, THE CHEMIST

by Lydia, 1/2  
 Ut 3ii  
 Thymol & beryles  
 1st  
 Elyth. 6c Bone Bre  
 2 of Wf  
 Ut 3ii  
 Thymol & Elyth  
 Bone Bre 1st

AND DRUGGIST, 28 Essex Street, London, W.C.2, not later than the first post on Monday, December 10. Prizes will be awarded at the discretion of the Editor.

## Legal Reports

**Food and Drugs (Adulteration) Act.**—At Newport (Mon.) Police Court, on November 23, the following were summoned under the Food and Drugs (Adulteration) Act: Mr. Treharne Howell, chemist and druggist, Bridge Street; Mrs. Clara Shelley, Corporation Road; Mr. David R. Milne, chemist and druggist, Malpas Road; Mr. David Evans, chemist and druggist, Chepstow Road, and Mr. Jared Edwards, Chepstow Road. It was alleged that Mr. Howell sold through his son, Mr. Lancelot J. Howell (who was also summoned), spirit of nitre which contained 0.85 per cent. w/v of ethyl nitrite, a deficiency of 32 per cent.; that Mrs. Shelley sold through her agent, Lilian Jones (who was also summoned), sweet spirit of nitre which contained 0.59 per cent. w/v of ethyl nitrite, a deficiency of 52.8 per cent.; that Mr. Milne sold through his agent, Leslie A. Bond (who was also summoned), camphorated oil which contained only 5.97 per cent. of camphor and sweet spirit of nitre which contained 0.77 per cent. w/v of ethyl nitrite, a deficiency of 38.4 per cent.; that Mr. David Evans sold by his agent, Reginald Harry (who was also summoned), mercury ointment deficient in mercury to the extent of 67.1 per cent.; and that Mr. Jared Edwards sold by his agent, Albert W. Austin (who was also summoned), mercury ointment similarly deficient. Mr. Gwynne Thomas, prosecuting on behalf of Newport Corporation, said the prosecution did not suggest that the defendants were dishonest or acted with any ulterior motive. Mr. E. Charles-Jones, who defended, strongly protested against a coloured girl having been engaged as a "decoy" to purchase the samples. "It is a travesty of British justice," he declared. He asked the Bench to express their own opinion about it. The chairman said the Bench did not approve nor admire the way the case had been got up. The cases against Mr. Howell and his son were dismissed; the prosecution intimated that there would be an appeal to Quarter Sessions. The cases against Mrs. Shelley and her assistant were dismissed on payment of 4s. costs. The magistrates fined Mr. Milne and his assistant 10s. each in the camphorated oil case, and dismissed the other two summonses against them on payment of 4s. costs. A fine of 10s. each was imposed in the cases against Mr. David Evans and his assistant, while the cases against Mr. Jared Edwards and his assistant, who were defended by Mr. Ivor L. Phillips, were dismissed.

**Alleged Breach of Agreement.**—In the Chancery Division of the High Court, London, on November 28, Mr. Justice Bennett heard an action brought by J. Lesquendieu, Ltd., Gerrard Street, W.1, against Mr. Joseph Lesquendieu, Mount Pleasant, Alperton, for an injunction to restrain the defendant from selling, offering for sale or advertising articles of perfumery and beauty products under the Lesquendieu trade marks and, in particular, under the trade mark "La Reine des Crèmes" or any other trade mark registered or owned by him, in alleged breach of his agreement with the plaintiffs of March 30, 1926. The plaintiffs also asked for an inquiry as to damages. Mr. Spens, K.C., and Mr. K. Swan appeared for the plaintiffs; Mr. Evershed, K.C., and Mr. Greenland for the defendant. Mr. Spens stated that the plaintiff company was formed in March 1926 for the purpose of taking over from the defendant certain rights he possessed with regard to the exploitation in England, Ireland, Scotland and Wales of perfumery products under certain trade marks associated with the name Lesquendieu. The defendant, who was carrying on business in France in the manufacture and sale of Lesquendieu products, sold his business in part to the Société Anonyme Parfumerie J. Lesquendieu and in part to another French company called the Société Anonyme La Reine des Crèmes. One of the principal products sold to the La Reine company was the beauty preparation known as La Reine des Crèmes. When the defendant sold his business to the two French companies he reserved for himself the exclusive right to exploit the Lesquendieu trade mark products in British territory.

By an agreement of March 30, 1926, the defendant, in consideration of the allotment to him of 3,000 B. shares of 1s. each, granted the plaintiff company for thirty years an exclusive licence to sell articles of perfumery bearing the Lesquendieu trade marks in England, Scotland, Wales and the whole of Ireland. La Reine des Crèmes, to which the agreement expressly referred, was one of the most valuable of the Lesquendieu trade marks. It was provided by the agreement that in the event of the plaintiffs selling less than certain minimum quantities of the products the defendant should have the right to terminate the licence. By a further agreement of April 1926 between the French companies and the defendant it was recited that the plaintiff company had obtained from the defendant the exclusive right to sell in British territory all the perfumery and beauty products marked "Lesquendieu." The plaintiffs claimed that by these agreements the defendant had debarred himself so long as the licence continued from selling on his own account perfumery and beauty products under the Lesquendieu trade marks in British territory, and from in any way competing with the plaintiffs. In breach of the agreements the defendant had advertised Lesquendieu beauty products for sale in THE CHEMIST AND DRUGGIST and the "Hairdressers' Journal" of January 13, 1934. Mr. Spens said there was a counterclaim by the defendant for a declaration that the plaintiffs had repudiated or abandoned the licence or, in the alternative, that he was entitled to forfeit it. In his defence the defendant said that in September 1931 the gold standard was suspended, and subsequently heavy customs duties were imposed on articles of perfumery and cosmetics imported from France, with the result that it was impracticable to sell such articles on an economic basis. Consequently, in February 1932, the defendant acquired a factory at Alperton for the manufacture and sale of the whole range of Le Reine des Crèmes products for the British market. The acquisition of the factory and the manufacture of the products was effected, he said, with the full concurrence and approval of the La Reine company and the plaintiff company, and both companies were supplied with La Reine des Crèmes products for the British market from the factory. The value of the face creams and other preparations purchased by the plaintiffs from the Alperton factory during the last eight months of 1932 was £4,595. In November 1933 the plaintiffs wrongly refused, he said, to purchase any more of the products from him, and thereby repudiated and abandoned the licence. Mr. Spens stated that the arrangement of 1932 was a temporary one. It was based on the fact that negotiations were proceeding for the winding up of the plaintiff company and the substitution of an entirely new agreement. The defendant wholly failed to bring this about, and consequently the licence remained in full force. Under the 1926 agreement the plaintiffs were to be supplied by the La Reine Co. and the defendant had no right to establish himself here and sell the goods. The hearing was adjourned.

## New Companies and Company News

P.C. means Private Company and R.O. Registered Office

**RUSHTONS (WHOLESALE), LTD.**—Capital £1,000. Objects: To carry on the business of wholesale perfumers, druggists, etc. R.O.: 52 West Street, Southport.

**GALE, BAISS & COMPANY, LTD. (P.C.)**—Capital £26,000. Objects: To carry on the business of chemists, druggists, drysalers, etc. R.O.: 15 Bouverie Street, Fleet Street, E.C.4.

**N. A. MORGAN, LTD. (P.C.)**—Capital £500. Objects: To carry on the business of pharmacists, chemists, druggists, etc. R.O.: 261 Lyndon Road, Sheldon, South Yardley, Birmingham.

**P. P. P. (PHARMACY), LTD. (P.C.).**—Capital £100. Objects: To carry on the business of chemists, druggists, opticians, etc. James M. Russell, 70 Liverpool Road, Islington, N.1, director.

**VINCENT PHARMACY, LTD. (P.C.).**—Capital £300. Objects: To carry on the business of wholesale and retail chemists, opticians, druggists, etc. Solicitors: S. Clifford Baron, 9 Basinghall Street, E.C.

**INSTITUTE OF COSMETIC RESEARCH, LTD. (P.C.).**—Capital £100. Objects: To carry on business as manufacturers of and dealers in perfumery of all kinds, toilet requisites, etc. R.O.: 53 and 54 Haymarket, S.W.1.

**VICTORIA PHARMACY, LTD. (P.C.).**—Capital £300. Objects: To carry on the business of retailing pharmaceutical and medicinal products, chemists' sundries, drugs, etc. R.O.: 7 Wilton Road, Westminster, S.W.1.

**FLOETTA SOAP COMPANY, LTD. (P.C.).**—Capital £100. Objects: To carry on the business of manufacturers of and dealers in soap, perfumery makers, chemical merchants, etc. R.O.: 27 Glenville Grove, Deptford, S.E.

**PAN IRLANDIC INDUSTRIES, LTD. (P.C.).**—Registered in Dublin. Capital £1,000. Objects: To carry on the business of chemists, druggists, drysalters, etc. Moore F. Parkhill, 3 Cremorne Avenue, Dublin, chemical manufacturer, director.

**W. R. CARTER, LTD. (P.C.).**—Capital £100. Objects: To carry on the business of chemists and druggists, manufacturers of and dealers in a medicinal preparation known as "666 Brand," etc. R.O.: Dominion House, Bartholomew Close, E.C.1.

**CURZON PHARMACEUTICALS, LTD. (P.C.).**—Capital £100. Objects: To carry on the business of manufacturing or wholesale or retail chemists, pharmacutists, druggists, etc. Solicitors: Ernest G. Scott, 33/4 Broad Street Avenue, E.C.2.

**NUNTHORPE DRUG STORES, LTD. (P.C.).**—Capital £100. Objects: To adopt an agreement for the acquisition of the assets of the business carried on by Griffiths (Chemists), Ltd., at Guisborough Road, Nunthorpe, and to carry on the business of drug stores, etc.

**AUXILIARY PRODUCTS & CHEMICALS (LEEDS), LTD. (P.C.).**—Capital £2,000. Objects: To carry on the business of manufacturers of and dealers in all kinds of chemicals, dyes, soaps, drugs, fertilisers, glues, etc. Solicitors: Plackett Calvert & McCandlish, Leeds.

**BOVRIL (S.E.), LTD. (Public Company).**—Registered in Dublin. Capital £40,000. Objects: To carry on the business of manufacturers, exporters and importers of animal, vegetable or other substances for use as food, and also of meat foods, extracts and products, etc.

**PIQUET ENGLAND, LTD. (P.C.).**—Capital £100. Objects: To carry on the business of manufacturers and vendors of the Piquet Pneumatic Appliances, toilet and perfumery preparations and other preparations, etc. R.O.: 9 Gordon House, Carrington Street, Nottingham.

**FISSAN, LTD. (P.C.).**—Capital £100. Objects: To acquire the trade mark "Fissan" and the business carried on in connection therewith, and to carry on the business of chemists, druggists, and dealers in cosmetics, etc. Solicitors: Roney & Co., 42-45 New Broad Street, E.C.2.

**PANULIN PRODUCTS, LTD. (P.C.).**—Capital £100. Objects: To carry on the business of manufacturers of patent medicines, pills, ointments and preparations, more especially products from the "Panulin" formula, etc. Secretary: Jacob Lewin, 118/122 Great Portland Street, W.1.

**H. W. GRAESSER-THOMAS.**—We are advised that this business is being registered as a limited liability company, to operate from January 1 next. The offices of the new company will be at the present address: 49 Leadenhall Street, E.C.3. Mr. H. W. Graesser-Thomas will continue to control the business.

## Private Arrangements

**Robert Woodward**, 8 Risca Road, Newport, Mon., druggist. A circular has been issued to the creditors by Mr. Parkin S. Booth, Kimberley House, Holborn Viaduct, E.C., together with a statement of affairs which showed ranking liabilities of £304 16s. 11d., against net assets of £78 17s. 4d., or a deficiency of £225 19s. 7d. Owing to an execution being levied by one of the creditors a deed of assignment has been executed to Mr. Booth. The creditors were asked in the circular to assent to the deed of assignment, and it was stated that the debtor is endeavouring to obtain financial assistance to enable him to make an offer of composition.

**H. A. Seabrook**, trading as Linslade Cash Drug Stores, 44 New Road, Linslade, Leighton Buzzard. The creditors were called together recently at the offices of Mr. L. S. Stewart, Southampton Row, W.C., when a statement of affairs was submitted which showed liabilities of £387 6s. 1d., of which £139 7s. was due to the trade and £247 19s. 1d. to the bank. After allowing £17 18s. for preferential claims the net assets were £125 12s., or a deficiency of £261 14s. 1d. The debtor desired to continue the business and to pay a composition of 10s. in the £. It was decided that a deed of assignment should be executed to Mr. Parkin S. Booth, Kimberley House, Holborn Viaduct, E.C.

## Business Changes

**BOOTS, LTD.**, have taken over the business of John H. Low, Broad Street, Fraserburgh.

**MR. E. F. SWIFT**, chemist and druggist, has opened a pharmacy at 119 Allerton Road, Liverpool.

**MR. W. C. C. CRELLIN**, chemist and druggist, has opened a branch at 22 Allerton Road, Liverpool.

**MR. A. E. MARLOW**, chemist and druggist, has opened a business in the Arcade, Dudley Street, Wolverhampton.

**MR. E. C. BOURNS**, chemist and druggist, has opened a business at 240 Longmoor Lane, Fazakerley, Liverpool.

**MR. E. J. COOK**, chemist and druggist, has acquired the business of Mr. S. Davis, Ph.C., 50 Broad Street, Chesham.

**BOOTS, LTD.**, have taken over the two branches of Mr. John Macphail, chemist and druggist, 1779 and 2115 Paisley Road West, Glasgow.

**MR. W. BIRCH**, chemist and druggist, has taken over the business at 13 Montefiore Road, Hove, formerly carried on by Mr. O. Harding, chemist and druggist.

The business conducted by Wynter Bros. & Co., Ltd., manufacturing chemists, for the past seventy-five years, is now carried on by Amovon, Ltd., manufacturing chemists and perfumers, Southfield Lane, Bradford.

**MR. J. MCBRYDE**, chemist and druggist, has become sole proprietor of the business of Edes Everet & McBryde, chemists, 34 St. Botolph's Street, Colchester. Mr. McBryde has been a partner in the business for many years.

The partnership of Mr. James McClenahan and Jane Butler, carrying on business as wholesale chemists and manufacturing agents at 39 Victoria Street, Belfast, under the style or firm of McClenahan & Butler, has been dissolved. Mr. McClenahan will continue to carry on the business under the same style.

The partnership of Mr. Thomas Spence and Mr. William Sydney Sampson, carrying on business as chemical manufacturers at 255-257 Crumlin Road, Belfast, under the style or firm of Ulster Chemical Company, has been dissolved by mutual consent. Mr. Thomas Spence and Mr. Robert McCleary will continue to carry on the business in partnership under the same style.

# Ulster Retail Drug Trade Association

THE annual meeting of the Ulster Retail Drug Trade Association was held on November 21 in the Grand Central Hotel, Belfast, the vice-president (Mr. James Dundee) in the chair, in the absence of the president (Mr. William Martin) through illness. There was a good attendance.

Arising out of the minutes, THE SECRETARY said Mr. Culbert had been very successful in having matters in connection with the tuberculosis dispensing put right.

MR. CULBERT said the matters had been settled, and he thought satisfactorily settled. Within the last two or three months they had been getting their accounts on the N.H.I. basis. The insurance prescription forms would shortly be sent out in triplicate. There had been some delay through members sending their accounts to Stormont instead of the Tuberculosis Department.

MR. ADAMS reported on the free gift trading which had been condemned at the last annual meeting. They had sent their resolution to the Chamber of Trade in Belfast, and that body had expressed its sympathy with their point of view.

## EXECUTIVE COMMITTEE'S REPORT

MR. W. BLAIR (secretary) submitted the annual report of the Executive Committee. The principle passages are as follows:—

Your Committee is pleased to report that the affairs of the Association are in a very satisfactory state. The membership, totalling 323, has been well maintained, and . . . the Association is in a very sound financial position. During the year ten ordinary Committee meetings and three special meetings were held, also several subcommittee meetings, convened to deal with matters which required special attention. . . .

Prior to the introduction of the Northern Ireland Finance Bill your Committee took advantage of the improvement in the national finances to put forward a strong plea to the Chancellor of the Exchequer that an opportune time had arrived to restore the 6.3 per cent. economy cut previously imposed. It is gratifying to record that 50 per cent. of the cut was eventually restored.

Regarding the suggested incorporation of the Association—during the consideration of this matter, certain difficulties arose which necessitated the investigation of an alternative plan, and your Committee hopes to be in a position, in the near future, to submit a comprehensive report to the members for consideration. In order to promote the more efficient working of the Association, your Committee considers it advisable to suggest certain changes in the Rules. . . .

MR. SHINNER moved, and MR. MACAULEY seconded, the adoption of the report of the Executive.

THE CHAIRMAN said the report only covered a small part of what had been accomplished during the year. They dealt chiefly with the cutting of prices, and ordinary members possibly did not realise the amount of work done by the Committee month after month. In addition, a member might be on a subcommittee, which would add to his work. The reorganisation of the Pharmacopœia required a number of meetings with the medical men attached to the hospitals. Every prescription had been gone into, and the Pharmacopœia was a model production. They regretted the absence of the president, Mr. Martin, who had been ill for some time. He was sure Mr. Martin would wish him to thank the Committee for its services.

MR. H. JOHNSTON complained of the inertia of the P.A.T.A. in maintaining prices. The report was adopted.

## FINANCIAL STATEMENT

MR. W. J. RANKIN (treasurer) submitted the financial statement, which showed a balance on hand of £101 19s. 9d. There had been a slight loss in the year's working owing to the printing of the Pharmacopœia, of which they had some still on hand. The capital account showed a balance of £865 15s. 9d. Mr. Rankin urged the necessity of increased membership of the Association. There were many men, he said, still outside. He moved the adoption of the report.

MR. MACAULEY, in seconding, said the books were kept in a very excellent manner. The report was adopted.

## ELECTION OF OFFICERS AND COMMITTEE

In accordance with the new rule, the election of president, vice-president, and hon. secretary devolved on the new Committee.

THE SECRETARY said this would be the last occasion on which the Committee would be elected individually. He suggested that the old Committee should be re-elected for the coming year. MR. MACAULEY moved, and MR. JOHNSTON seconded, the re-election of the old Committee as follows:—Messrs. S. J. Hudson, William Martin, J. McGregor, E. A. Richey, W. J. Rankin, C. Abernethy, J. Adams, J. C. Culbert, A. E. A. Davis, James Dundee, W. Esler, S. H. Forrest, T. A. Gibson, W. J. Hardy, R. Linehan, John McDowell, R. A. McEwen, S. Mitchell, P. R. Shinner, A. Steede, J. Taggart, Walter Tate, H. Todd, and James McDowell.

## VOTES OF THANKS

MR. TODD moved a vote of thanks to the retiring president (Mr. William Martin), and expressed regret at his continued illness.

MR. W. J. HARDY seconded, and included the vice-president (Mr. Dundee), who had acted very efficiently during the illness of Mr. Martin.

The resolution was passed by acclamation, and MR. DUNDEE said the secretary would convey the vote to the president. Mr. Martin exuded good nature. It was a pleasure to work with the strong Committee they had.

MR. ABERNETHY proposed a vote of thanks to Mr. Culbert for his work in connection with the tuberculosis dispensing. Mr. Culbert had done a great deal of work, which as a member of the subcommittee he could testify to.

MR. H. JOHNSTON seconded the vote, describing Mr. Culbert as a purveyor of ideas to the U.R.D.T.A. Mr. Culbert was a good propagandist and had served them well.

MR. SHINNER supported the vote of thanks, which was passed by acclamation and acknowledged by MR. CULBERT.

On the motion of MR. HARDY, seconded by MR. ADAMS, a cordial vote of thanks to the treasurer (Mr. W. J. Rankin) was passed.

## PROPOSED CHANGE OF NAME

THE CHAIRMAN said that he thought the name of the Association should be brought up to date. At one time it was 50 per cent. druggist. There was a kind of inferiority complex about the title. They were an important body, something similar to the Scottish Association. He thought the Association should be known as the Ulster Pharmaceutical Association.

MR. ADAMS supported the proposed new title.

MR. CULBERT suggested Ulster Pharmaceutical Federation.

MR. TODD suggested Ulster Pharmaceutical Society.

MR. HARDY said they were not a statutory body or a limited company or a trade union, and unless they were one of these things they had better not use the word Society. The matter was left to the Committee.

Discussion took place on the question of price cutting of certain articles, Messrs. Lineham, Culbert, Adams and others taking part.

## Alteration of Rules

Prior to the annual meeting a special general meeting was held, Mr. Dundee in the chair, to consider amendments of rules proposed by the Executive. These were discussed and were eventually adopted unanimously on the motion of THE CHAIRMAN, seconded by MR. J. ADAMS.

The principal change delegates to the Committee instead of the annual meeting the election of president, vice-president and secretary or secretaries. Another change provides that in future eight members of the Committee, which consists of twenty-four, shall retire annually in rotation, and shall be eligible for re-election, the order of rotation of retirements to be decided by ballot at the first meeting of the Committee.

# Two Suggestions for Display

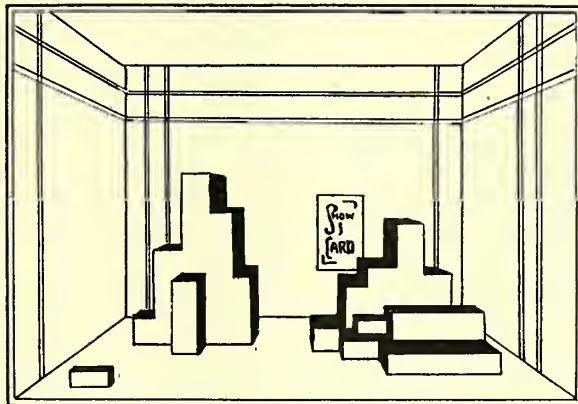
By Peers Walmsley

EVERY window should have a message, and a cut-out background is one of the best methods of getting this over. The model illustrated is designed to impress the message that you stock "useful gifts," and is quite within the means of the average apprentice handy with the fret-saw. It is made from a full sheet of three-ply—60 in. x 48 in.—costing only a few shillings. The "Buy Useful Gifts" letters are cut out separately from wood or card, covered with silver paper and fastened on to the main board. The body of the cut-out is red with two patches of black. The trees are green and then "spattered" with silver paint. Dip a nail brush in the paint and draw a piece of wood across it to obtain this effect. The letters should all be silver and the whole mounted on a series of steps with green tops and black rises. The circles are scribed by means of a piece of string with a loop at each end; a drawing pin through one and a pencil through the other makes an admirable compass. For the painting, I have found one of the various synthetic lacquers the best medium, being easily applied and covering well. When arranging the goods around this set-piece keep the point of the left-hand tree as the apex of your display and dress up to it on each side to form a pyramid. Avoid an elaborate window background. The set-piece is the attraction leading the eye to the goods, and over-ornamentation of the back of the window defeats its purpose. Cheap draping cloth of a suitable colour, hung

pleated across the back, would be an ideal foil for the display, and this material can always be used again. Light green tickets with black lettering should be used.

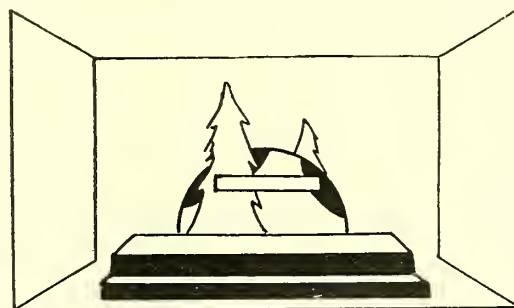
## The Cube Setting

This setting (shown in the centre of the page), based on two pyramids, can be constructed from old cartons



*This drawing shows the effect of Mr. Walmsley's cube setting*

covered quite inexpensively with one of the many coloured papers or foils, light blue for preference. Better still, of course, would be to construct the setting from wooden cubes, a set of which should be in the display equipment of every chemist. While cubistic in construction, it is dressed with a series of curves as the underlying idea; a line can be taken from the top of the left block down to the front and down to the floor across the back. The background should be severely simple, no crêpe elaborations, and in dark blue. The lines indicate white crêpe tubes or, even more effective, strips of aluminium-covered wood. The card should be slightly overlapped by the right-hand block or it will stand alone and break the rhythm and claim too much attention. This is essentially an "arty" window, but it is proved this "art" does attract and makes a display "easy to look at." Plenty of space and "fresh air" in a window have the same effects as periods of silence in a radio play; they concentrate the fullest attention on the articles being presented for exhibition.



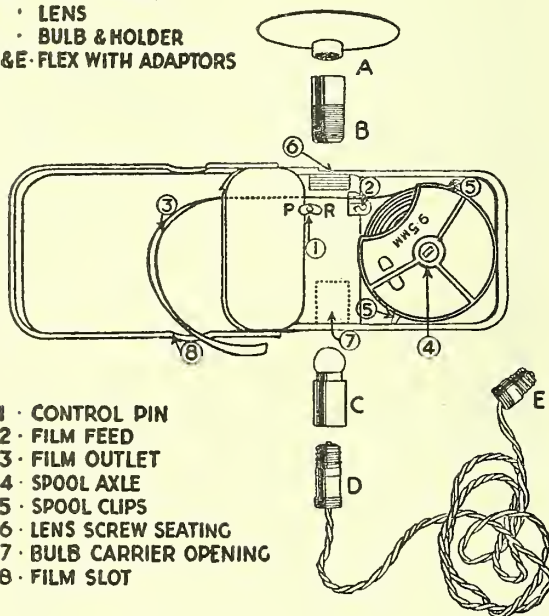
*This set-piece makes an excellent background for a Christmas window. Instructions are given in this article for its construction which, the author states, is quite within the ability of the apprentice handy with the fret-saw. It is made from three-ply and costs only a few shillings. The illustration, top, right, shows the set-piece in position in the window.*



## Trade Notes

**THE SMALLEST CINÉ PROJECTOR.**—Presenta, Ltd., 74 Chiswell Street, London, E.C.1, are marketing a 9.5 m.m. ciné film projector of unique design, and which is claimed to be the smallest in the world. When closed, or being used for visual inspection of the film, the apparatus measures  $4\frac{1}{2}$  in. by  $2\frac{1}{2}$  in. by  $1\frac{1}{4}$  in., and

- A · LENS SHIELD**  
**B · LENS**  
**C · BULB & HOLDER**  
**D & E · FLEX WITH ADAPTORS**



- 1 · CONTROL PIN**  
**2 · FILM FEED**  
**3 · FILM OUTLET**  
**4 · SPOOL AXLE**  
**5 · SPOOL CLIPS**  
**6 · LENS SCREW SEATING**  
**7 · BULB CARRIER OPENING**  
**8 · FILM SLOT**

when open for projecting pictures on a screen the height is  $7\frac{1}{4}$  in. The case is of bakelite and the working parts are extremely well made. Illumination is by a  $4\frac{1}{2}$ -volt flash-lamp battery, and a surprisingly good picture is obtained. The mechanism of the projector is explained in the above diagram.

**BURALL BROTHERS**, Wisbech, are specialising in printing such as is required by manufacturing and retail chemists.

**GALENICALS.** — Brook, Parker & Co., Ltd., Horton Road, Bradford, are making a special offer in connection with contracts for galenicals. Some particulars are given in an announcement on another page.

**A NEW COATING PAN.**—Thompson & Capper Wholesale, Ltd., Manesty Buildings, College Lane, Liverpool, have brought out a new coating pan which is illustrated in the company's advertisement in this issue. It will be noted that all gears and working parts, running in an oil bath, are enclosed in the pillar which keeps them free from dust, sugar, etc., thus increasing the efficiency and reducing the time and cost of maintenance.

**SHELL HOUSEHOLD PRODUCTS.**—L. J. Hydleman & Co., Ltd., Chapel Street, Moorgate, London, E.C.2, have been appointed the trade distributing agents in Great Britain and the Irish Free State for the household products manufactured by the Shell Co.

**FLORA AROMATICS CO., LTD.**, 59 Old Bailey, London, E.C.4, who are offering their Neroly S.T. Flora as a substitute for neroli bigarade, will send a sample to anyone likely to be interested.

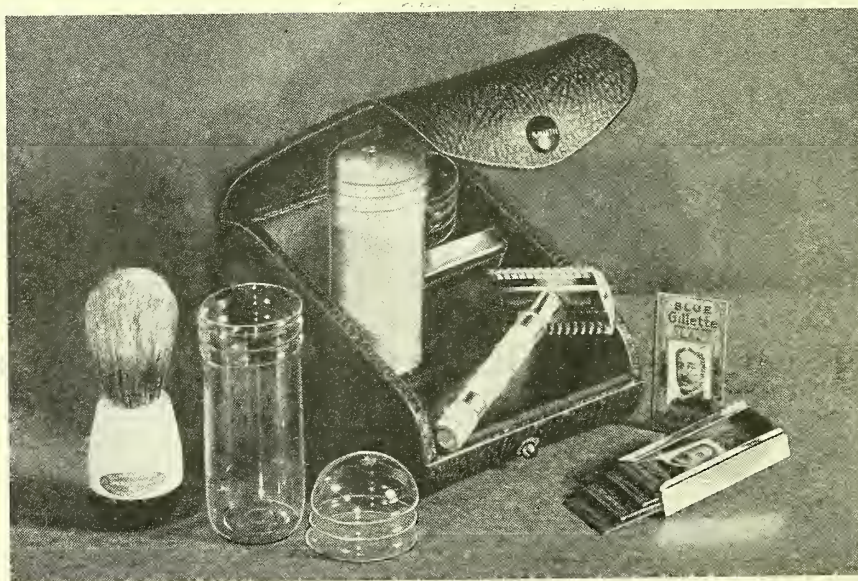
**MADAGASCAR** cloves and essential oils are advertised in this issue by Société pour l'Industrie des Parfums et des Produits Chimiques, 14 Rue Cardinal Mercier, Paris 9e.

**BRAND'S ESSENCE.**—Brand & Co., Ltd., Mayfair Works, Vauxhall, London, S.W.8, announce that they are about to start a national advertising campaign regarding the merits of their essence of beef and essence of chicken.

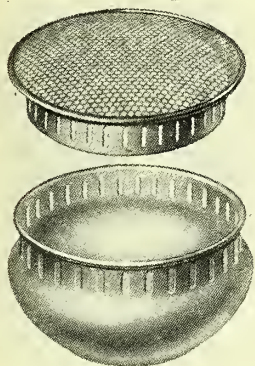
**E. POLLARD & Co., LTD.**, St. John Street, London, E.C.1, have sent us a copy of their latest list of invisible glass installations, and it is evident that there has been a rapid development of this new type of shop window glazing, not only in England but on the Continent as well. A copy of this booklet and, if desired, photographs of invisible glass installations, will be sent to any of our subscribers.

**FOAMINOL.**—Mr. H. W. Braun, 16 Water Lane, Great Tower Street, London, E.C.3, has been appointed distributor of Foaminol, a product manufactured by Foaminol Laboratories, Lebanon Road, S.W.18. This preparation is stated "not to contain any soap and its active scalp stimulants are quinine and certain treated homologous fatty alcohols. When it is rubbed into the scalp a soapless cleansing foam is produced. This foaming releases the medicinal compounds in a 'nascent' or unstable condition, causing them to penetrate into the scalp. . . ." Foaminol is supplied in 2-oz. and 6-oz. bottles.

**GILLETTE INDUSTRIES, LTD.**, 197 City Road, London, E.C.1, have brought out under the title of Travelling Set No. 4 a shaving outfit which will appeal to every man. As will be seen from the illustration below, the components comprise a razor, blades, sheaths for spare blades, brush and soap, and they fit into a neat case which measures 5 in. by  $4\frac{3}{4}$  in. by  $1\frac{3}{4}$  in.



**STEAMY WINDOWS.**—Marcus Walton & Co., 42 George Street, Portman Square, London, W.1, are the suppliers of the window drier shown in the accompanying illustration. It is intended for use in totally enclosed windows and has no mechanical or electrical parts, the action being purely chemical. The drier consists of two parts, a metal container that lasts indefinitely and into which the water extracted from the air percolates, and a perforated lid containing a capsule which is charged with a chemical absorbent preparation. The capsules, or refills, are renewed when the absorbent preparation becomes exhausted. The life of a capsule depends on the humidity of the air in the window, but on an average the medium size lasts ten to twelve weeks. The moisture absorbers are stated to give the most efficient service when working in pairs.



J. LESQUENDIEU, 150 Mount Pleasant, Alperton, Wembley, the distributor of La Reine des Crèmes, informs us that the firm is putting on the market a new product under the name of Handreine. The preparation is stated to be "invaluable against roughness, redness, chilblains and chapped hands." Mention of La Reine des Crèmes is a reminder that this, together with a box of face powder, is being supplied as an attractive gift coffret.

**GRAPE JUICE.**—D. P. S., Ltd., Sentinel House, Southampton Row, London, W.C.2, have sent us a bottle of K.W.V. grape juice (the product of the Co-operative Wine Growers' Association of South Africa), for which they are the agents in this country. The juice is prepared by a process not dependent on pasteurisation or other heat treatment, thereby retaining fully the natural salts and preserving unimpaired the vitamin content of the grape. It is supplied in three sizes—reputed quart, reputed pint and small.

**INJECTA (LONDON), LTD.**, surgical apparatus manufacturers, Audrey House, Ely Place, London, E.C.1, have brought to our notice a pocket case which will be of particular interest to chemists who supply instruments to members of the medical profession. The Ampullex pocket case is made of bakelite and has metal racks to hold ampoules. It is also fitted with a hypodermic syringe and needles. Another noteworthy line of Messrs. Injecta is an amber bottle with a bakelite cap and rod. This fits into a chromium-plated case with a false bottom, so that the lower portion can be used for a supply of cotton wool. The company has made arrangements that urgent orders between 7 p.m. and 9.30 p.m. may be telephoned to Mr. Goodwin (Spring Park 1371) for immediate dispatch the following morning.

**THE REDOX RAZOR.**—Modern Traders, Ltd., 10 Oxford Circus Avenue, 231 Oxford Street, London, W.1, have drawn our attention to a safety razor of ingenious design. Incorporated in the head of the razor is a roller, so arranged that when shaving in the ordinary manner



the blade (which, incidentally, will fit many three-peg razors) oscillates from side to side, thus causing a cutting rather than a chopping of the hair. No electric battery is required, the action being entirely automatic. There are four models of the Redox rolling razor, as it is called, and some attractive display-aids.

## Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc. occur.

### Monday, December 3

**Photographic Dealers' Association, South-East London Branch,** Maitland House, 134 Greenwich Road, London, S.E. Meeting. Mr. D. Foster (president of the P.D.A.) on "How the P.D.A. will face up to the Present Trade Crisis."

### Tuesday, December 4

**Royal Society of Arts, John Street, Adelphi, London, W.C.2,** at 4.30 p.m. Mr. E. W. Bovill on "Empire Production of Essential Oils for Perfumery."

**Thames Valley District Pharmacists' Association, Radnor Restaurant, Fife Road, Kingston-on-Thames,** at 8.45 p.m. Mr. Vernon S. Porter (S. Maw, Son & Sons, Ltd.) on "Modern Display and Salesmanship."

**Pharmaceutical Society of Great Britain, Birmingham and District Branch, Scientific Section, Imperial Hotel,** at 8.30 p.m. Mr. T. L. Bowyer, A.I.C., on "Adulteration—Past and Present."

### Wednesday, December 5

**Cardiff and District Pharmacists' Association and Branch of the Pharmaceutical Society, Priests' Room, Park Hotel,** at 7 p.m. for 7.30 p.m. Annual dinner and dance.

**Manchester University Pharmacy Students' Association, Manchester Limited Café, Hot-pot supper and social evening.** Tickets, 3s. each, from Mr. E. Barker, 318 Stockport Road, Levenshulme, Manchester.

**Pharmaceutical Society of Great Britain, Newcastle, District and Northumberland Branch,** High tea, followed by bridge and whist drive.

**National Pharmaceutical Union, Anglesey, North Carnarvonshire and Colwyn Bay Branch, Town Hall, Llandudno,** at 3 p.m. District meeting. Mr. G. A. Mallinson (secretary of the N.P.U.) on "The New Poisons List and Rules."

### Thursday, December 6

**Guild of Public Pharmacists, Palace Rooms, Palace Hotel, Bloomsbury Street, London, W.C.1.** Dinner and dance. Tickets, 7s. 6d. single, 14s. double, from F. B. Royal, St. Mary, Islington, Hospital, Highgate Hill, London, N.19.

**Manchester Pharmaceutical Association and Manchester, Salford and District Branch of the Pharmaceutical Society, Victoria Hotel,** at 8.30 p.m. Joint meeting. Mr. W. A. Kenningham (organising secretary of the P.A.T.A.) on "The Work of the P.A.T.A."

**National Association of Women Pharmacists, 17 Bloomsbury Square, London, W.C.1,** at 8 p.m. Address on "Scientific Careers for Women."

**Pharmaceutical Society of Great Britain, Blackpool Branch, Queen's Hydro,** at 8 p.m. Mr. H. Gartside, B.Sc., on "The Preparation of Anti-Diphtheritic Serum."

**Pharmaceutical Society of Great Britain, Cambridge and District Branch, Lion Hotel, Cambridge,** at 3.30 p.m. Annual general meeting. Mr. C. A. Noble (a member of the Society's Council) on "The British Pharmaceutical Codex, 1934," and "The Draft Poisons List and Rules."

**Pharmaceutical Society of Great Britain, Newcastle, District and Northumberland Branch.** Lecture by Dr. Tyrer (Imperial Chemical Industries, Ltd.) on "Heavy Water."

### Friday, December 7

**South of England College of Pharmacy, Avondale Halls, Landor Road, Clapham North.** Dance. Tickets, 2s. 6d. each, from the Secretary, 186 Clapham Road, London, S.W.9.

**South-West London Chemists' Association.** Business meeting.

# A Noteworthy Reconstruction

THE illustrations on this page are of the pharmacy of Hill-Smith (Warrington), Ltd., 77 Bridge Street, Warrington. Shortly before last Christmas a fire which broke out on the premises resulted in the whole of the interior above the ground floor being gutted. The ceiling of the pharmacy was destroyed and all floors and the roof above burnt away. Interior brick walls were disintegrated and the party walls on each side were rendered insecure. The whole of the stock in the pharmacy was damaged. The show windows and shop front were intact, but the windows above were destroyed. The interior of the building was very old, and a coin found embedded in the plaster fixed the date of the last reconstruction as about the time of George III, but buildings have stood on the present site since the fifteenth century. Entire rebuilding of the interior being necessary, it was decided to put in a steel framework strong enough to carry the floors without



intermediate supports, and also to make the building entirely self-supported, thus removing strain from the party walls. All the interior brick walls were to be done away with, and, where necessary, partitions substituted. The front wall was intact, except round the old window openings, where masonry and brick were cracked by heat. The rear walls required rebuilding. The reconstruction was to be done without closing the pharmacy. This made necessary the erection of a temporary ceiling strong enough to work on and as dustproof as possible. The erection of the steelwork was very difficult. Six stanchions of approximately sixty feet length had to be put in from above the temporary ceiling, through the pharmacy and basement, and bolted down to concrete foundations six feet deep by four feet square. These foundations were put in in the basement, there only about four feet six inches high. This basement, for a reason now quite unknown, has a neatly flagged floor and plastered ceiling—with less than five feet headroom! The pharmacy, as reconstructed, has a ceiling of compressed wood fibre sheets enamelled white and with mahogany framing. The fittings are mahogany. The wall cases and dispensing screen were reconditioned only and fitted with chromium-plated handles. The drug wall fixture, shown in the photographs of the interior, is a beautiful piece of work. It is of mahogany and



glass, the backing of the bottle shelves being  $\frac{3}{8}$  in. thick opal glass. The drawer pulls are chromium plated of a type unusual in this connection. The drug drawers have solid mahogany fronts and African pine sides and backs. The electric fittings are in chromium-plated brass, hung at such a height as to give ample uniform illumination with sixty-watt lamps. This avoids glare and reduces expense. The shop front was retained, but transoms were fitted to enable carboys to be reintroduced, and black marble plinths were fitted instead of the old mahogany panels. The effect falls little short of that of a completely new shop front. The fitting of the transoms, and a new window head at that height, made it possible to improve the window lighting, and at the same time reduce the wattage from 1,050 to 600. The same ideas as to lighting have been followed throughout the building, that is to say, providing glareless, bright but not brilliant, uniform lighting by sixty- or forty-watt lamps, instead of more wasteful lighting by lamps of higher wattage. The complete effect of the reconstruction is to give an air of distinction and brightness instead of a rather gloomy one, which was inevitable under the old conditions. Besides pharmacy, a considerable wireless and scientific electrical department is housed on the first and third floors. The large bay window lights the showroom of that department, a handsome room panelled in waxed limed oak. The second floor, besides being completely equipped for wireless testing and repairs, is also fitted for optical and scientific apparatus repairs and so forth.



## Births

Notices for insertion in this column must be properly authenticated.

SIDEY.—At 39 Palmerston Place, Edinburgh, on November 23, the wife of George M. Sidey, chemist and druggist, Musselburgh, of a daughter.

## Marriages

ASHCROFT—CHADWICK.—At the Sacred Heart Church, Thornton, Lancs, recently, Hugh Ashcroft, chemist and druggist, Fleetwood, to Ivy Chadwick.

## Deaths

BUDGE.—In a London nursing home, on November 23, Sir Ernest Alfred Wallis Budge, Litt.D., aged seventy-seven. While he was best known as an Egyptologist, the range of Sir Wallis Budge's studies is evidenced by the fact that the list of publications attributed to him in "Who's Who" is understood to be the longest in the book. In recent years he became a director of the Society of Herbalists, Ltd., 21 Bruton Street, W.1. His last appearance (or almost his last) in print was of timely assistance in demolishing the recurrent myth of the viability of wheat found enclosed in the wrappings of mummies.

CHURCH.—On November 11, Mr. Harold Victor Church, Doves Hill Crescent, Ensbury Park, Bournemouth, a founder and director of the Bournemouth Chemists' Supply Co., Ltd., aged forty-five.

DAWSON.—At Norwich, on November 23, Mr. William Thorndick Dawson, retired chemist and druggist. Mr. Dawson, who qualified in 1888, had for many years carried on business at 98 Prince of Wales Road; he retired through ill health two years ago, and disposed of his business to Mr. L. W. Parr, chemist and druggist. Mr. Dawson had been a member of the Norwich City Council since 1922; two years ago he was elected an alderman, but resigned this position last September. He had been W.M. and secretary of Social Lodge, and was a past officer of the Grand Lodge of England. An angling enthusiast, he was for some years secretary of Norwich Angling Society. His wife predeceased him twelve months ago.

FENTIMAN.—At Southend-on-Sea, on November 15, Mr. Charles Henry Fentiman, chemist and druggist, aged seventy-nine.

LEWIS.—At 20 Morecroft Road, Rock Ferry, Birkenhead, on November 16, Mr. Nathaniel James Lewis, dentist, chemist and druggist, aged ninety-one. For over fifty years Mr. Lewis, who was a native of Edinburgh, carried on business and had a dental practice in Bradford Road, Rock Ferry; he took an active part in the management until within a few months of his death. For some years past he had had the assistance of his son, Mr. A. P. Lewis, dentist and pharmacist. He was a well-known freemason.

MARSDEN.—At Moseley, Birmingham, on November 11, Mr. Frederic Steele Marsden, Ph.C., aged sixty-seven.

ROPER.—At Brighton, on November 11, Mr. Albert Charles Roper, chemist and druggist, aged sixty-seven.

RUTHVEN.—At his home at Westcliff-on-Sea, on November 24, Mr. Alexander Glen Ruthven, partner in the firm of P. Samuelson & Co., essential oil importers, 17 Creechurch Lane, London, E.C.3, aged fifty-six. Mr. Ruthven had been associated with his firm for upwards of thirty years.

## Personalities

MR. W. H. CROSLAND, chemist and druggist, Sutton, Surrey, has been elected a member of the Town Council.

MR. J. T. RILEY, senior representative of Parkinson's, Ltd., manufacturing chemists, Burnley, has retired after forty years' service.

SIR HENRY WELLCOME, founder of the Wellcome Research Institution, London, was received by President Lebrun at the Elysée, Paris, on November 23. The President decorated Sir Henry with the cross of the Legion of Honour.

At a meeting of the Provincial Grand Lodge for the Province of Cumberland and Westmorland, held at Keswick, recently, the degree Prov. Assistant Director of Ceremonies was conferred upon Wor. Bro. J. B. Osborn, of Lewis Lodge, No. 872, Whitehaven. Wor. Bro. Osborn has been associated with the drug trade in Whitehaven for many years.

At an investiture of the Venerable Order of the Hospital of St. John of Jerusalem, recently in the Chapter Hall, St. John's Gate, Clerkenwell, London, E.C., District Officer G. S. Pasco, M.P.S., was invested as a Serving Brother of the Order by the Sub-Prior, Major-General the Earl of Scarborough, K.G., G.B.E., K.C.B., T.D. Mr. Pasco is a past-president and an active member of the North-East Metropolitan Branch of the Pharmaceutical Society, and served with the Pharmacy Volunteers throughout the war period.

## Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1934, p. 304.

(From "The Trade Marks Journal," November 21, 1934.)

"VARNODAG"; for all goods (1). By E. G. Acheson, Ltd. Thames House, Millbank, London, S.W.1. 555,049.

"KARNA VITA"; for medicated meat products (3) and for food substances (42). By Karna Vita Co., Ltd., 1 Jamieson Street, Sydney, New South Wales. 544,113/114. (Associated.)

"Iozo" in oval shape; for medicated ointment (3). By E. L. Mercer, 61 Maple Street, London, W.1. 552,808.

"RHEUBITEX"; for ointment (3). By J. C. Ryan and O. C. Summers, Spencer House, Spencer Street, London, E.C.1. 552,856.

Picture of giraffe; for medicinal chemicals, excluding soap (3). By Mandall & Co., Ltd., 17 Stepney Road, Newcastle-on-Tyne. 551,462. (Associated.)

"COMITAS"; for medicinal chemicals, excluding soap (3). By Bayer Products, Ltd., 31-34 Basinghall Street, London, E.C.2. 554,006.

"PINGO"; for medicines for neuralgia and influenza (3). By J. Green, 30 Kilmailing Road, Cathcart, Glasgow. 554,443.

"LUCKSTONE"; for perfumery, etc., excluding soap (48). By The Luckstone Co., Ltd., 1 High Street, Marylebone, W.1. 553,926. (Associated.)

"CREAM ULTRA AMORETTA"; for toilet creams (48). By Elizabeth Arden, Ltd., 5 Cork Street, London, W.1. 554,448. (Associated.)

### APPLICATION AMENDMENT

According to "The Trade Marks Journal" of November 21, 1934, the specification for "TAKAZYMA" in Class 3, No. 542,065, by International Takamine Ferment Co., has been amended to "A medicine for human internal use being a combination of diastase, calcium carbonate, magnesium carbonate and bismuth sub-carbonate."

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## Information Department

### INFORMATION WANTED

Postal or telephone information with respect to makers or first-  
hand suppliers of the undermentioned articles will be appreciated.

- |  |  |
|--|--|
| H/15. Cachets (not ampoules)<br>containing brown<br>powder for solution<br>for injection for hush<br>in calves (source of<br>supply) | C/22. Oil of fly (bait for<br>pheasants) |
| M/27. Renawta vitamin food<br>for horses   | G/28. Vegolene                           |
| M/28. Castinol   | R/28. Wellfeet ointment                  |

# THE CHEMIST AND DRUGGIST

VOL. CXXI.

December 1, 1934

NO. 2860

## The British Association of Chemists

THIS organisation, representative chiefly of the works chemists in this country, held its seventeenth annual general meeting in London last week. The membership continues to increase and has now reached the convincing figure of 1,718. The strength of a society of this character, however, is not entirely measured by its membership. The question of its usefulness, virility and its active policy are factors no less important than being representative of the interests it endeavours to voice. It is in these matters that the British Association of Chemists has achieved distinction. Its policy is unlike that of any other organisation connected with the chemical industry. Its work in providing legal aid to its members in connection with their employment agreements has proved to be beneficial to both parties to such agreements, for time and again it has been able to clarify to the satisfaction of all concerned points of doubt which may easily have led to disputes. Another feature of the work of the Association is its Unemployment Benefit Fund. During the past three years it has disbursed no less than £3,311 to members who were temporarily out of employment. The calls on the Fund have decreased each year during this period; a significant sign that trade and industry is gradually improving. One other service provided for its members is the Appointments Bureau, and it is encouraging to note that employers are making increasing use of this facility.

## Crude Drugs

ON October 10 the Import Duties Advisory Committee gave notice that they had under consideration applications for the exemption from liability to the 10 per cent. *ad valorem* import duty of about forty crude drugs, and invited interested parties to send in any representations they desired on or before October 25. Since that date there has been no intimation as to whether the Advisory Committee have decided to recommend the Treasury to issue the exemption orders or not, and inquiry this week on the subject was met with the stereotyped reply: "We can give you no indication as to the position." Meanwhile business in the products likely to be affected is practically at a standstill. Neither importers, dealers nor consumers can afford to pay the 10 per cent. import levy one day, when, perhaps, on the morrow, the duty is lifted by the issue of the exemption order. The loss would be three to four times their normal profit on bulk business. The duty on a ton or two of chamomile flowers, costing approximately 190s. per cwt., c.i.f., is an appreciable item. In the case of saffron, usually imported by parcels post, there are no facilities for "bonding." The drug trade should not have to carry this risk. Naturally, consumers are purchasing as little as possible; dealers and importers are losing business and the whole trade is thrown out of its stride. The issue of the exemption orders for these products, which have to be imported, will facilitate trade, particularly entrepôt business, but it is, as we

have pointed out previously, essential that the Advisory Committee's decision should be made known as quickly as possible after the date of expiry for receipt of representations. In this case it was October 25 and still the trade waits and suffers—in our opinion, quite unnecessarily.

## A Needed Change

THE presidential address of Sir Norman Walker at the opening of the General Medical Council's present session on November 27 (referred to on p. 657 of this issue) contained the welcome announcement that he had been in communication with the Lord President of the Council concerning the difficulties occasioned by the coming into force of the British Pharmacopœia on the date of its publication. Sir Norman Walker added that he was hopeful of favourable parliamentary action. In the summer of 1932 we voiced the grievances of manufacturers and others who, as matters stand, are faced with the probable loss of an unknown amount of valuable stock whenever a new British Pharmacopœia is issued (*C. & D.*, 1932, II, 89), some of their products inevitably becoming obsolete forthwith. Retailers suffer from the same disability as wholesalers in their measure, the most careful buying not sufficing completely to clear off medicaments no longer official. We are glad to know that our protests have had some effect, and that a more reasonable arrangement is to be the rule of the General Medical Council.

## "Preparations" of Poisons in the Irish Free State

AN interesting position has arisen out of the ephedrine case in Dublin, reported on p. 324 of our issue of September 15. In that case the Pharmaceutical Society of Ireland prosecuted for having, *inter alia*, sold ephedrine, a poisonous alkaloid, and secured a conviction. A collateral effect of the conviction is that any preparation or admixture containing that poison is to be regarded, in the Irish Free State, as being in Part I. Reference to Schedule I of the Sale of Poisons (Ireland) Act, 1870 (*C. & D. Diary*, 1934, p. 280), shows in Part I these two typical entries:—"Opium and all preparations or admixtures containing 0.2 or more per cent. of morphine." "Strychnine and all poisonous vegetable alkaloids and their salts." In Part II we find various things mentioned in this form: "Nux Vomica, and its preparations." Part I includes "all poisonous vegetable alkaloids and their salts"; it also specifies "admixtures" and "preparations" of certain named vegetable alkaloids. Ephedrine is admittedly a poisonous vegetable alkaloid, and therefore properly comes within the ambit of Part I as such. But what about its "preparations" and "admixtures"? As we pointed out in our editorial footnote to the letters on the subject published on p. 447 of our issue of October 6, although preparations of strychnine are specifically named in Part II there is no mention of preparations of other vegetable alkaloids. It seems to be a matter for consideration by the authorities in the Free State whether we are not right in our view that there is no authority for the statement that all poisonous vegetable alkaloids are to be treated as strychnine so far as preparations or admixtures are concerned. If it was necessary to specify preparations of one particular vegetable alkaloid in Part II, surely it was necessary to specify all others that were to be so treated, or alternatively to say that all others were to be so treated. The matter is of considerable importance to Irish Free State pharmacists, especially in view of the warning letter of the Society's registrar which we published on p. 385 of our issue of September 22. It is also of passing interest to pharmacists in Great Britain because the Schedule to the Poisons and Pharmacy Act, 1908, produces no such confusion, having regard to the wording of the last clause of Part II of its Schedule.

# Thomas Henry, F.R.S.

## The Inventor of Calcined Magnesia

By William Kirkby, M.Sc., Ph.C., Honorary Apothecary to the Manchester Royal Infirmary

THE three Henrys of Manchester—Thomas, the father, William, the son, and William Charles, the grandson—provide, I believe, a unique record in the history of the Royal Society of which each was a Fellow. Their lives covered a period of 158 years. Thomas Henry was born in 1734 and William Charles died in 1892 at the age of eighty-eight. All were associated with the practice of medicine and on the staff of the Manchester Infirmary, and each was a chemist of national repute.

This year is the bicentenary of the birth of Thomas Henry. He was born at Wrexham on October 26, 1734, the son of parents who jointly conducted a girls' boarding school. Thomas, when of sufficient age, attended the Wrexham Grammar School, and made such progress that he had a wish to enter the Church. Circumstances, however, did not permit of this, so he was apprenticed to an apothecary. On the sudden death of this master he completed his term of apprenticeship with an apothecary at Knutsford. He took a situation as assistant with a Mr. Malbon at Oxford, and while in that city attended lecture courses on anatomy at which the young John Hunter was employed as a demonstrator. In 1759 Henry returned to Knutsford, where he established himself as an apothecary and married. Five years later he had the opportunity of acquiring an apothecary's business in St. Ann's Square, Manchester, and there continued his medical practice for nearly fifty years. About the same time Dr. Thomas Percival removed from Warrington to Manchester. These men were both inspired to medical research and had sympathetic tastes in matters of general culture. Their close association did much for the spread of the new knowledge in their chosen town. Henry said that the only instructional work which came into his hands during his apprenticeship was the Latin edition of Boerhaave's chemistry. From this book he probably got the impetus to pursue the study of chemistry, particularly as an experimentalist, in which field of work he became a notable labourer.

At the end of the seventeenth century Nehemiah Grew had found a peculiar bitter salt in the Epsom spring. From this and from the same salt obtained from other sources there was obtained a substance called "magnesia alba"; to this considerable medicinal importance was attached. Later in the century Black showed that it consisted of a mixture of calcium and magnesium carbonates. The recognition and naming of the element did not ensue until later. But by the middle of the century it had acquired a

reputation\* as a laxative peculiarly useful for children, as was shown by Dr. Cadogan in his treatment of them at the Foundling Hospital. The unsatisfactory nature of the magnesia alba at that time obtainable and the wasteful methods of preparation, together with some observations of Dr. Cadogan concerning the article, seem to have incited Henry to investigate the matter. In 1771 he presented a communication to the Royal College of Physicians of London on "An Improved Method of Preparing *Magnesia Alba*," which was published in the Medical Transactions of the following year. This was limited to the best means of obtaining a pure and fine product. It was two years later (1773)

that he published his treatise† dealing chiefly with magnesia alba and calcined magnesia. In the original paper Henry had laid before the College the details of his method for preparing a pure magnesia alba—and in his "Experiments and Observations" he fully disclosed his process for calcined magnesia, but his friends suggested—on the eve of the publication of his pamphlet—that this should be patented. Consequently, after consultation with Sir John Pringle and others, he took that course. His son William says "it was probably in consequence of the publication of these essays" that he became a Fellow of the Royal Society in May 1775. Like his friend, Joseph Priestley, he very early received the great award for his experimental work. Thomas Henry's discussion with Dr. Ingram and Dr. Glass concerning the comparative merits of different magnesiæ was conducted

by him in a spirit typical of the eighteenth century.

At that period much interest was being shown in the need for the preservation of foods and water from putrefaction. Henry experimented with his magnesia, and has recorded some of his work in the pamphlet referred to; among these it is interesting to note he discovered that his magnesia increased the solubility of such things as camphor, guaiacum, and opium—a property which is now made use of in the making of aromatic waters from essential oils. This line of investigation led to his trials with fixed air (carbonic acid gas) as a preservative for drinking water and foods. A practical result of his work was a pamphlet published in 1781 and dedicated to the Lords of the Admiralty; it was entitled an "Account of a Method of Preserving Water at Sea from Putrefaction." The latter portion

\* It appears to have been first sold in Rome, at the beginning of the century, by Count di Palma—from whose name it was designated "*Comitissæ Palmæ pulvis*."

† "Experiments and Observations," by Thomas Henry—London, 1773.



THOMAS HENRY, F.R.S.  
(British Museum)

of that publication is of more than usual interest, inasmuch as it contains a description of the first piece of apparatus made in this country for the production of carbonated water in bulk sufficient for supplies for commercial purposes. Henry had already become the manufacturer of the calcined magnesia; to that enterprise he added that of a manufacturer of mineral waters—a business to which his son made no reference in his "Tribute." The manufacturing premises were established in 1810, in East Street, Manchester, and are still maintained at the same spot.

Henry's scientific pursuits naturally took on a complexion apposite to his environment, as might be anticipated from the part he played in founding the Manchester Literary and Philosophical Society in 1781. The exploitation in this country by a foreign firm of

Scheele's and Berthollet's discovery of the bleaching properties of chlorine (oxymuriatic acid) was prevented by Henry and Watt and their friends.

As a citizen of Manchester he was held in high esteem, for he took a prominent part in the affairs of the town in everything that made for the improvement of its health, the cultivation of its intellectual amenities, and the enlargement of its prosperity. For thirty-four years he was a visiting apothecary to the infirmary; in addition to being a founder of the Literary and Philosophical Society, he was at different times a secretary, a vice-president and (for ten years) president. Henry died in 1816 at the age of eighty-one. His son, William Henry, became even more famous than the father, because he was the discoverer of what is known as Henry's Law of the solubility of gases.

## The Poisons Rules

By Henry T. F. Rhodes, M.I.E.I.

IT is a curious fact that the regulations governing the sale of poisons have always been more stringent than those relating to their manufacture. The question of manufacture is provided for by the new Regulations. It is an aspect of the question which has received less attention than the matter of sales, but is actually of equal or greater importance.

Before dealing with the specific question of manufacture the Poisons List (Part I) may be considered. It is very difficult formally to define a poison and to know exactly where to draw the line between a poison and a "noxious thing." On the whole the list does, however, confine itself to substances that are generally regarded as poisonous, even if such substances as the salts of chromic acid (chromates and dichromates) and iodine in solution in excess of 3 per cent. might not better be described as "noxious things." But this is not the principal consideration. The real point at issue is the manufacture of these substances and the purposes for which they are manufactured. In the list are included such substances as acetic acid, sulphuric acid, nitric acid, salts of barium, ammonia and alkalis. These chemicals are manufactured in enormous quantities for a variety of different purposes, so that regulations relating to their manufacture are, or may at any time become, of vital importance to those engaged in the preparation of these chemicals on a large scale.

### Supervisors

Section 22 of the Poisons Rules deals specifically with "the control of the manufacture of pharmaceutical preparations containing poisons." It is laid down that:—In every establishment in which a pharmaceutical preparation containing any *poison* is manufactured for the purpose of the internal treatment of human ailments the preparation shall be manufactured by, or under the supervision of, a member of one of the following classes:—

- (a) Registered pharmacists.
- (b) Fellows and Associates of the Institute of Chemistry.
- (c) (At present unspecified.)
- (d) (At present unspecified.)

On the face of it this would seem not to include the manufacture of poisonous substance itself unless it is a pharmaceutical preparation for the purpose of the internal treatment of human ills.

But it does not seem certain that the term "pharmaceutical preparation" can be easily defined. A substance included in the Poisons List is defined thus:—"(2) A reference to a substance shall include a reference to that substance when contained in any preparation, solution, admixture or natural substance." It would thus appear that a large number of the listed substances might of themselves become pharmaceutical preparations.

The most important question, however, is the qualification of those engaged in the manufacture of prepara-

tions containing poisons. No one doubts that some regulation is necessary, but the restriction of such operations to registered pharmacists and members of the Institute of Chemistry is open to grave criticism. As the paragraph stands an honours graduate in chemistry with many years' experience of pharmaceuticals could not control operations of this kind. Those holding diplomas in pharmacology are not included; and it is impossible at the moment to leave out of consideration those who have qualified mainly by long experience to carry out such work. No provision of any kind is made for them.

### Diploma or Experience

Whatever restrictions are introduced they should be such as to ensure that persons with unsuitable qualification and insufficient experience shall be precluded. The Regulations as they stand do not ensure this. It could not be argued that membership of the Institute of Chemistry is, of itself, necessarily a guarantee of competency in this direction. The same might be said of the diploma of the Pharmaceutical Society. This is not to call into question the value of these diplomas in any way. What is meant can best be made clear by means of an illustration. If a choice had to be made for the control of a pharmaceutical operation between two supervisors, one with twenty years' experience of that or similar processes and the other with the diploma of the Institute of Chemistry or of the Pharmaceutical Society but without any experience, it is obvious where the choice should fall.

It is the view of the British Association of Chemists that as a basis some minimum qualification should be laid down ensuring competency in chemical practice. But that, in itself, is not enough. Those wishing to qualify should be able to produce further evidence of specialised knowledge and experience. To decide the qualifications necessary is not, at present, an easy matter. This could best be done by a conference between the societies likely to be interested, as, for example, the Institute of Chemistry, the Pharmaceutical Society, the British Association of Chemists, the Society of Chemical Industry, and the Association of British Chemical Manufacturers. But it is certain that at the moment the suggested regulations in regard to qualifications for the supervision of pharmaceutical processes are very far from satisfactory. A more suitable means of dealing with the preliminary problem would be the compilation of a special register. Application could be made by individuals for inclusion in it, and cases could be decided on their merits. Individual application could be dealt with in this way until agreement had been arrived at regarding the qualifications to be accepted.

Other considerations apart, the Rules as they stand would make it impossible for a number of competent and experienced men controlling operations of this kind to continue in control.

# The British Association of Chemists

## Seventeenth Annual General Meeting

THE seventeenth annual general meeting of the British Association of Chemists was held at the Waldorf Hotel, London, on Saturday afternoon, November 24, and was followed by the annual dinner and dance in the evening. There was a good attendance at the meeting and the largest attendance yet recorded at the dinner and dance. The President (Prof. E. C. C. Baly, C.B.E., F.R.S., F.I.C.) presided at the annual general meeting and first made reference to the death of Sir Max Muspratt, who, he said, was very closely interested in the work of the Association.

The Hon. Treasurer (Mr. W. H. Woodcock) then presented the accounts for the past year and commented with satisfaction on the general state of the finances. The balance of £55 16s. 11d., he added, was small but the Association did not exist to accumulate large funds, the object being to spend their income in the best interests of the members. Referring to the Unemployment Benefit Fund, Mr. Woodcock also commented with great satisfaction on the fact that during the second six months of the year the amounts the fund had been called upon to pay to members out of employment had fallen considerably as compared with the first six months, and that was positive evidence of the improvement in trade. The accounts were then unanimously adopted.

Mr. S. Reginald Price, M.B.E. (Chairman of Council), in his annual report for the past year, generally reviewed the situation. Although, he said, there had been an increase in the membership during the year of 112, which indicated progress, in his view the rate of progress was not nearly rapid enough having regard to the progressive work which the Association was doing. Speaking of the Unemployment Benefit Fund, he commented on the enormous advantage of this in assisting an unemployed member to retain his self-respect whilst he was seeking a new post and at the same time supplemented what the Hon. Treasurer had said as to the signs of improving trade in that the demands for unemployment benefit had so largely decreased during the latter six months of the year. The Appointments Bureau was being made in-

creasing use of by employers in the filling of appointments. Emphasis was also laid on the value of the legal aid which the Association was able to afford its members and Mr. Price at the same time expressed thanks for the very able assistance that had been received from the Association's legal advisers, especially in the matter of appointments agreements. It was a great advantage to all concerned, he said, to have advice on many matters before agreements were actually signed rather than having disputes afterwards. Finally, Mr. Price thanked the members of Council and also the members of the local sections for the splendid work they had done during the year. Mr. A. Hill, who seconded the motion for the adoption of the Council's Report, said he would not be satisfied until the Association included in its membership 80 to 90 per cent. of the chemists in the country. The Report was then unanimously adopted.

Mr. J. Bristowe P. Harrison, chairman of the Unemployment Special Purposes Committee, presented the Report of that committee and put forward a number of suggestions for extending its work by way of giving increased benefits in certain circumstances. After a general discussion it was decided that the proposals as set out in the report of the committee should be discussed by the local sections and a decision come to in accordance with the number of votes recorded for the alternative suggestions. There will be an annual general meeting of the local sections in six months' time.

### Election on Officers

The election of officers was then proceeded with and resulted as follows:—*President*: Prof. E. C. Baly, C.B.E., F.R.S., F.I.C. *Vice-Presidents*: Wm. E. Kay, Esq., C. S. Garland, Esq., A.R.C.S., B.Sc., J. Bristowe P. Harrison, Esq., Prof. I. M. Heilbron, F.R.S., Prof. A. G. Green, F.R.S., Sir James Colquhoun Irvine, F.R.S. *Hon. Registrar*: E. H. Hood, Esq., *Hon. Treasurer*: W. H. Woodcock, Esq. *Hon. Editor*: H. T. E. Rhodes, Esq., M.I.E.I.



Photo]

A resolution was moved on behalf of the London section relating to the representation of the local sections on the Council, but after a brief discussion the matter was referred to the Council for consideration with instructions to bring forward a scheme which will give something approaching to proportional representation of the local sections on the Council of the Association. The following resolution was then moved by Mr. H. W. Rowell (Birmingham):—

As better and less expensive publications will assist the progress of British chemistry, this Association urges its members to take active personal interest in any scheme for co-ordination and improvement of the existing chemical journals.

Mr. Rowell, who explained that he referred to the Chemical Society, and the Society of Chemical Industry, said there was no catch in the resolution and it meant exactly what it said. All the members of the association were chemists who had to rely very largely on the published literature for personal progress in the profession, and it was therefore very much their business to interest themselves in the quality and price of the tools of their trade. A private discussion followed the moving of this resolution, which was seconded and eventually carried. During the discussion reference was made to the position that has arisen in connection with the Draft Poisons List and Rules.

The President, acknowledging a vote of thanks to the retiring officers, spoke with satisfaction of the manner in which the Unemployed Special Purposes Committee had weathered the storm of the depression during the past few years. Another feature, he said, was the institution of the new honorary Fellowship. The Council had decided that this honour should be restricted to a very few of the distinguished members of the profession and so far two such gentlemen had accepted the Fellowship, including Sir Robert Mond, a distinguished scientist. It was also a matter for considerable gratification that Sir James Irvine had accepted the office of Vice-President. It might not be everybody who knew what science owed to Sir James for his work in connection with the University of St. Andrews. Speaking with regard to the Poisons List and Rules, the President said the Association has made application for its name to be placed in the Schedule and more than that it was not possible to say at the moment.

Mr. S. Reginald Price proposed a vote of thanks to Mr. Woodley (Secretary), and the head office staff for the manner in which they had carried out their duties during the past year. This was heartily supported and carried with acclamation.

### Annual Dinner

The President (Prof. E. C. C. Baly) presided at the dinner in the evening, when amongst a representative gathering the principal guests included Sir Robert Robertson, F.R.S. (Chief Government Chemist); Prof. F. G. Donnan, F.R.S.; Capt. J. Davidson Pratt, O.B.E. (general manager and secretary, Association of British Chemical Manufacturers); Mr. E. R. Bolton; Dr. E. F. Armstrong, F.R.S.; Prof. G. T. Morgan, F.R.S.; Dr. G. Senter (Principal, Birkbeck College); Mr. J. Keall (President, Pharmaceutical Society); and Mr. H. J. Pooley (general secretary, Society of Chemical Industry). The speeches were mainly of a humorous character, although the President introduced a more serious note towards the end. Mr. C. S. Garland proposed "The British Association of Chemists and the London Section" and in the course of a humorous speech he said that Prof. Green had calculated that if a lady "made-up" her face twice a day, namely, 730 times a year, she used more colour in three years than was used on a house which was painted inside and out. Concluding on a more serious note, Mr. Garland spoke of the valuable work which the Association was doing and in wishing it continued success in the future coupled the Toast with the name of Dr. E. F. Armstrong. Dr. E. F. Armstrong, replying, said that above all else the Association stood for that good old English institution, freedom, and because it did so it had been successful. Work which was done by bodies such as theirs was an example of unselfish work

for their fellow men. From that point of view there was no body among chemists in England which was more to the fore and he respected it for that reason. Mr. Reginald Price proposed "The Guests," many of whom he mentioned by name and welcomed them all very sincerely.

The President said the Association felt that it had undertaken a job, namely, that of benefiting their fellow men. The amount called for from the Unemployment Fund during the latter half of the past year was very considerably less than in the first half, although at first the call was entirely beyond the normal incidence as calculated on an actuarial basis. In spite of that, however, they had won through, with the result seen in the last six months, thanks to the improvement in trade. There had not been a single case which had not been helped to the fullest extent from the beginning, but it was of course a matter of great gratification to find the revival in trade that was obviously now taking place. Continuing, the President said that on many occasions comparisons had been made between the British Association of Chemists and the Institute of Chemistry, but the difference was perfectly obvious. The B.A.C. made no claim to be a qualifying body at all. The claim it made was that it took charge, as far as lay within its power, of the material life of the members.

Prof. G. T. Morgan, proposing a vote of thanks to the President for his work during the past two years, said that, whereas when he himself was President some years ago the membership was 1,100, it had now risen to over 1,700, and the Association was going from strength to strength. Most chemical societies felt themselves fortunate if they managed to maintain their membership. The vote of thanks to the President was carried with acclamation and the remainder of the evening was spent in dancing.

## Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 28 Essex Street, London, W.C.2."

### QUALITATIVE ANALYSIS

A MIXTURE of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture may contain metallic and acidic radicals occurring in the British Pharmacopœia, or any of the commoner radicals not mentioned in that work, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by a *stamped and addressed envelope*, not a stamp merely) will be received up to Tuesday, December 4, on which day the samples will be posted. Students' reports will be received up to Saturday, December 15. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

The analysis announced above forms the second exercise in the analytical tournament for the current winter session. The usual monthly first and second prizes in this series of analyses will be awarded only to apprentices or assistants who have not passed in Chemistry in the Preliminary Scientific examination in Great Britain, in the Licence examination in the Irish Free State, or in Chemistry, Part I, in Northern Ireland, which fact *must be attested on their reports*. They will not be awarded to former winners of tournament prizes.

THE directors of W. Blythe & Co., Ltd., chemical manufacturers, Church, have subscribed £50 to the Gresford Colliery Disaster Fund.

# Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values.

## 28 Essex Street, W.C.2, November 29

THE volume of business being transacted is being fairly well maintained, but some markets have been dull. Alterations in values are of a minor character, and the general tone continues steady. In pharmaceutical chemicals conditions are slowing down a little. SALICYLATES continue in very fair demand. VANILLIN is closing up to Convention prices. PHENACETIN tends steadier, but is still at unusually low figures. Business in many products in the crude drugs markets continues to be impeded by the delay in the issue of the overdue Exemption Order relative to a large number of products in this section. In some of the more expensive products affected business has been at a standstill. BUCHU stocks are low on spot; market firm. No spot business in CHAMOMILES. HONEY is in free supply, but meets with a disappointing demand. HYDRASTIS is again dearer and continues firm; a shortage of supplies at the source is reported. IPECACUANHA is well held at the improved figures. VALERIAN ROOT is dearer and firm. CARNAUBA WAX continues firm, with some grades again quoted dearer. In the essential oils markets business has been in smallish quantities, but fairly good in the aggregate. BAY is fully steady. Brazilian BOIS DE ROSE tends firmer forward, with spot holders looking for higher rates. Madagascar CLOVE is firm for shipment, with offers restricted. Java and Ceylon CITRONELLA are a shade better this week. EUCALYPTUS is fully steady. French LAVENDER is moving to very high rates, according to shippers. LEMONGRASS has been dull, with a firmer tone in the shipment position. Singapore PATCHOULI is dearer forward. Japanese PEPPERMINT has been dull, but values show little change.

## Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	November 29	Value of the £
Amsterdam ...	Fl. to £	12·107	7·38	12/2½
Berlin ...	Mks. to £	20·43	12·41	12/2
Brussels ...	Belgas to £	35	21·38	12/2½
Copenhagen ...	Kr. to £	18·259	22·40	24/8
Lisbon ...	Esc. to £	110	109½	19/11½
Madrid ...	Ptas. to £	25·22½	36½	28/10
Milan ...	Lire to £	92·46	58½	12/7½
Montreal ...	Dol. to £	4·86½	4·86½	20/0
New York ...	Dol. to £	nominal	4·98½	20/6
Oslo ...	Kr. to £	18·159	19·90½	21·11
Paris ...	Fr. to £	124·21	75½	12/2
Prague ...	Kr. to £	164·25	119½	13/5½
Stockholm ...	Kr. to £	18·159	19·39½	21/4½
Warsaw ...	Zloty to £	43·38	26½	12/2½
Zurich ...	Fr. to £	25·2215	15·37	12/2½

Bank rate 2 per cent.

## Pharmaceutical Chemicals, etc.

SOMEWHAT quieter markets are reported, but the general tone continues steady. The demand for salicylates is sustained. Vanillin is much steadier, and although phenacetin is still quoted at very cheap figures the market tends to be steadier.

AMIDOL.—Market steady; occasional inquiry: 56 lb., 7s. 3d.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7-lb. tins.

AMIDOPYRIN.—Fair spot business; dealers' prices steady: crystals, five cwt., 18s. 9d.; two cwt., 19s. 1½d.; less than two cwt., 19s. 6d. per lb.; with powder 2½d. per lb. extra.

AMMONIUM BENZOATE.—Quotations for spot parcels run from about 3s. 4d. to 3s. 6d. per lb., as to quantity.

AMMONIUM ICHTHOSULPHONATE.—A steady demand for limited quantities: one cwt., 1s. 6½d., in 14-lb. tins; 1s. 8d., in 1-lb. tins; 1s. 10½d., in 8-oz. tins; and 2s. 1d. per lb., in 4-oz. tins.

ASPIRIN.—Fair demand; market steady: home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 4 lb., 3s. 2d.; 1 lb., 3s. 4d. per lb. Bulk packing free, net, carriage paid. Contracts: Over twelve months, minimum, one ton; over six months, less than one ton.

ASPIRIN (TABLETS).—The wholesale scale of prices is as follows: Under 5,000, 3s. per 1,000; 5,000, 2s. 11d.; 10,000, 2s. 10d.; 25,000, 2s. 9d.; 50,000, 2s. 8d.; 75,000, 2s. 7d.; 100,000,

2s. 6d.; 250,000, 2s. 5d.; 500,000, 2s. 4d.; 1,000,000, 2s. 3d.; over 1,000,000, 2s. 2d. per thousand tablets. For over one million a rebate of 1d. per 1,000 on 10 million tablets over 12 months. Wholesale distributors' prices for smaller quantities would be dearer.

ATROPINE.—Convention prices continue at the recent advance. Sulphate, 175 oz. and over, 10s.; 35 oz., 10s. 5d.; 4 oz., 10s. 10d.; less than 4 oz., 11s. 3d. Pure: 175 oz. and over, 13s.; 35 oz., 13s. 5d.; 4 oz., 13s. 10d.; less than 4 oz., 14s. 3d. per oz., ex store, London.

BARBITONE.—Steady inquiry on spot; dealers' prices maintained: to arrive, two cwt., 13s. 5d.; 56 lb., 13s. 9d.; less, 14s. 1d. per lb., f.o.b. Continent. Spot, two cwt., 15s. 1½d.; 56 lb., 15s. 6d.; smaller parcels, 15s. 9d. to 16s. per lb.

BENZONAPHTHOL.—Occasional small business, with spot quoted in the region of 3s. 3d. per lb.

BENZOIC ACID (B.P.).—Market steady; average business: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 2d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' prices unchanged; some outside competition. Carbonate, cwt. lots, 6s. 6d.; less than 8 lb., 8s. 6d. per lb.

BROMIDES.—Rather quieter; quoted unchanged: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; 28 lb., 2s. 1d.; smaller quantities, 2s. 5d. per lb.; potassium B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; 28 lb., 1s. 10d.; smaller quantities, 2s. 2d. per lb.; sodium B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s.; smaller quantities, 2s. 4d. per lb., without engagement. Special prices for larger quantities.

CAFFEINE.—Values for Continental show no further change. Pure, two cwt., 6s. 9d.; one cwt., 6s. 11d.; 56 lb., 7s. 1d.; less than 56 lb., 7s. 3d. per lb. Citrate, two cwt., 5s. 7½d.; one cwt., 5s. 8½d.; 56 lb., 5s. 9½d.; less than 56 lb., 5s. 10½d. per lb., net, carriage paid on minimum 56-lb. lots. Packages, from 5 lb., and upwards, free.

CALCIUM LACTATE.—Moderate inquiry, with quotations competitive: spot, one cwt., 1s.; 56 lb., 1s. 1d.; 28 lb., 1s. 1½d.; smaller quantities, up to 1s. 5d. per lb.

CHLORAL HYDRATE.—Makers' prices: duty-paid crystals, in 14-lb. free containers, five cwt., 3s. 1d.; one cwt., 3s. 2d.; 28 lb., 3s. 3d.; 14 lb., 3s. 4½d. per lb.; 28-lb. jars one penny per lb. extra.

CHLOROFORM.—Makers' prices are steady: in drums, 2s. 3d. to 2s. 6d.; winchesters, 2s. 3½d. to 2s. 6½d.; in 2-lb. bottles, 2s. 4½d. to 2s. 7½d.; in 1-lb. bottles, 2s. 5½d. to 2s. 8½d.; in 8-oz. bottles, 2s. 6½d. to 2s. 9½d.; in 4-oz. bottles, 2s. 8½d. to 2s. 11d.; for ten cwt. down to 56-lb. lots, carriage paid on minimum cwt. lots.

CITRIC ACID (B.P. CRYSTALS).—A very fair business. British material quoted at 10½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers quoting at competitive prices.

CREAM OF TARTAR.—A fair business; market steady. British material, 99 to 100 per cent., quoted at 82s. per cwt., less 2½ per cent. discount, nominal and without engagement. Imported material at about level prices.

CREOSOTE (B.P.).—Dealers' prices maintained; fair business. Quantities, in 25-kilo. demijohns, 1s. 9½d. to 1s. 9¾d.; smaller packing, 1s. 11d. to 2s. 3d. per lb.

EMETINE.—Hydrochloride, 8 oz. or ¼ kilo., 35s. 6d. per oz.; one oz. or 25 grams, 37s. 6d. per oz.; smaller quantities, 40s. per oz. Other salts are quoted in proportion.

GUAIACOL.—As recently reported, prices for liquid and crystals are dearer: less than two cwt., in 28-lb. demijohns, 9s. 2½d.; in 7-lb. jars, 9s. 2½d. per lb. Crystals are also at higher figures: less than two cwt., in 28-lb. jars, 9s. 8d.; in 7-lb. bottles, 9s. 10d.; in 1-lb. bottles, 10s. 3d. per lb.

GUAIACOL CARBONATE.—Not much inquiry; values unchanged on spot. Two cwt., 9s. 8d.; one cwt., 9s. 9d.; 28 lb., 10s.; smaller parcels, up to 10s. 4½d. per lb.

HYDROQUINONE.—Market is dull. Spot, one cwt., 4s. 6½d.; 56 lb., 4s. 8½d.; 28 lb., 4s. 10½d.; 14 lb., 5s. 1½d. per lb., carriage paid.

IODIDES.—Makers' prices at former rates, with outside competition. Potassium iodide, B.P., one cwt., 5s.; 4 lb., 6s. 2d.; smaller parcels, 6s. 8d. per lb., carriage paid.

**LACTIC ACID (B.P.).**—Moderate inquiry; market keen; quantities, in carboys, 1s. 4½d. to 1s. 5d.; in winchesters and bottles, 1s. 6d. to 1s. 10d. per lb., as to quantity.

**MERCURIALS.**—Market very steady. Chloride, B.P., one cwt., 4s. 9d.; less than one cwt., 4s. 10d. per lb.

**METHYL SALICYLATE (B.P.).**—A very fair inquiry continues; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 7d.; small quantities in bottles, up to 2s. per lb.

**METHYL SULPHONAL.**—Dealers' prices quite steady; some small spot business: two cwt., 18s. 4½d.; one cwt., 18s. 9½d.; 56 lb., 19s. 3d.; small parcels, 19s. 8½d. per lb.

**PHENACETIN.**—Market continues competitive, but tending rather steadier: quantities of crystals or powder, from 2s. 7½d. to 2s. 9d.; smaller parcels, 2s. 10d. to 3s. per lb.

**PHENAZONE.**—Rather quieter, with dealers' prices fully steady: crystals, five cwt., 10s. 7½d.; two cwt., 10s. 10d.; and less, up to 11s. 6d. per lb.; with powder 2½d. per lb. extra.

**PHENOLPHTHALEIN.**—Market is dull and meeting with competition: two cwt., 2s. 9d.; one cwt., 2s. 10d.; 28 lb., 3s.; 14 lb., 3s. 1d.; 7 lb., 3s. 2d.; smaller parcels, up to 3s. 6d. per lb.

**PHENYL ETHYL BARBITURIC.**—Prices are about steady at 28s. to 29s. per lb., in 2-lb. bottles. Some small parcel business.

**PILOCARPINE.**—Convention prices for nitrate and hydrochloride continue at the recent advance. Nitrate, 175 oz. and over, 8s. 8d.; 35 oz., 9s. 1d.; 4 oz., 9s. 6d.; less than 4 oz., 9s. 11d. per oz. Hydrochloride, 175 oz. and over, 10s.; 35 oz., 10s. 5d.; 4 oz., 10s. 10d.; less than 4 oz., 11s. 3d. per oz., ex store, London.

**PIPERAZINE.**—Dealers' prices for Continental material continue at the recent advance: 22 lb., 52s. 11d.; 11 lb., 54s. 5d.; 2 lb., 55s. 11d.; less than 2 lb., 57s. 5d. per lb., ex store, London, 8 oz. bottles free, smaller packing extra.

**POTASSIUM PERMANGANATE (B.P.).**—Quite good business; dealers' prices very steady. Spot, one ton, 9½d.; ten cwt., 9½d. per lb., in drums; smaller parcels, from 10d. to 1s. per lb., as to quantity.

**POTASSIUM SULPHOGUAICOLATE.**—Continues irregular on spot from 5s. 7d. to 6s. 4d. per lb., as to source.

**PYROGALLIC ACID.**—Market steady but quiet: 56 lb., 7s. 9d.; 28 lb., 8s.; 14 lb., 8s. 6d.; 7 lb., 9s. 3d. per lb., in 7-lb. tins. Wholesale distributors' prices for smaller quantities would be dearer.

**QUININE SULPHATE.**—Prices are steady. Sulphate, 2s. 1d.; bisulphate, 2s. 1d.; ethyl carbonate, 2s. 8½d.; salicylate, 2s. 9½d.; phosphate, 3s. 2½d.; hydrochloride, 2s. 7½d.; bihydrochloride, 2s. 10½d.; hydrobromide, 2s. 7½d.; bihydrobromide, 2s. 10½d.; valerianate, 3s. 7d.; hypophosphite, 3s. 10½d.; alkaloid, 2s. 11d. per oz., carriage paid on bulk quantities.

**RESORCIN.**—Market remains quiet: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb.

**ROCHELLE SALTS.**—Makers' scales of prices show no further change: Rochelle salts, less than one cwt., 77s. 6d.; less than five cwt., 75s.; not less than five cwt. in one delivery, 72s. 6d. per cwt.; with crystals, 2s. 6d. per cwt. extra. Seidlitz, B.P., less than one cwt., 62s. 6d.; less than five cwt., 60s. 6d.; not less than five cwt. in one delivery, 58s. 9d. per cwt. Double seidlitz, less than one cwt., 69s.; less than five cwt., 67s.; not less than five cwt. in one delivery, 64s. 9d. per cwt. Carriage paid on one cwt. and over.

**SALICYLIC ACID (B.P.).**—A steady market; business on a fair scale: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 8d.; 14 lb., 1s. 9d.; 7 lb., 1s. 11d.; 4 lb., 2s. per lb.

**SALOL.**—Market is dull: spot, crystals, two cwt., 3s. 10d.; one cwt., 3s. 11½d.; 56 lb., 4s.; smaller parcels, 4s. 3d. per lb.; powder, 2d. per lb. extra.

**SANTONIN.**—Very small inquiry. Kilo. lots, £13 10s.; five- to ten-kilo. parcels, about £13 per kilo.

**SODIUM BENZOATE (B.P.).**—A fair inquiry; market is competitive. Bulk lots, about 1s. 6d.; cwt. lots, 1s. 7d.; and smaller parcels, up to 1s. 11d. per lb.

**SODIUM DIETHYLBARBITURATE.**—Market about steady; business average: spot, one cwt., 15s. 9d.; 28 lb., 16s.; 14 lb., 16s. 3d.; 7 lb., 16s. 6d.; smaller parcels, up to 17s. per lb.

**SODIUM SALICYLATE (B.P.).**—A good inquiry continues; quoted unchanged: home trade, crystals or powder, five cwt., 1s. 8½d.; one cwt., 1s. 9d.; 28 lb., 2s.; 14 lb., 2s. 2d.; 7 lb., 2s. 3d.; 1 lb., 2s. 6d. per lb.

**SULPHONAL.**—Dealers' prices maintained; limited spot demand: crystals or powder, two cwt., 14s. 8½d.; one cwt., 15s. 1½d.; 56 lb., 15s. 3½d.; smaller parcels, up to 15s. 10d. per lb.

**TARTARIC ACID (B.P. CRYSTALS).**—Market is steady. British material quoted at 1s. 0½d. per lb., less 5 per cent. discount,

nominal and without engagement. Dealers offering foreign at competitive prices.

**STRYCHNINE SALTS.**—Makers' prices are steady:—

		Under 16 ozs.	16 ozs.	35 ozs.
		Per oz. s. d.	Per oz. s. d.	Per oz. s. d.
Alkaloid cryst. ...	...	2 8½	2 7	2 6½
Alkaloid powder ...	...	2 7½	2 6	2 5½
Bisulphate ...	...	2 2½	2 1	2 0½
Hydrochloride ...	...	2 5½	2 4	2 3½
Nitrate ...	...	2 3½	2 2	2 1½
Sulphate cryst. ...	...	2 4½	2 3	2 2½

25-oz. containers, free; 1-oz. bottles, 2½d.; 2-oz. bottles, 3½d. Other conditions as usual. Lower prices for bulk quantities. Wholesale distributors' prices for smaller quantities would be dearer.

**THIOBROMINE.**—Prices for Continental material continue at the advance recently recorded: Pure, two cwt., 6s. 8½d.; one cwt., 6s. 10½d.; 56 lb., 7s. 0½d.; less than 56 lb., 7s. 2½d. per lb. Soda salicylate, two cwt., 6s. 6½d.; one cwt., 6s. 7½d.; 56 lb., 6s. 8½d.; less than 56 lb., 6s. 9½d. per lb., net, carriage paid on minimum 56-lb. lots. Packages from 5 lb. upwards free.

**THYMOL.**—Market is dull and easy as quoted: synthetic fine white, two cwt., 5s. 7d.; one cwt., 5s. 9d.; 56 lb., 5s. 11½d.; 28 lb., 6s. 3½d.; 14 lb., 7s. per lb.; ex ajowan seed, one cwt., 8s. 3d.; 56 lb., 8s. 6d.; 28 lb., 8s.; 14 lb., 10s. per lb.

**VANILLIN.**—Average business at Convention prices: ex guaiacol or clove oil, five cwt., 13s. 3d.; one cwt., 13s. 6d.; 56 lb., 13s. 9d.; less, 14s. per lb.

### Crude Drugs, etc.

**ACONITE ROOT.**—Dealers' spot prices steady. Japanese, 47s. 6d.; Napellus, 62s. 6d. per cwt.

**AGAR.**—Business has been quiet. Kobe No. 1, 1s. 11½d. to 2s.; No. 2, 1s. 10½d.; Yokohama No. 1, 1s. 10½d. per lb.; shipment, Kobe No. 1, 1s. 9½d.; No. 2 and Yokohama No. 1, nominal, with no stocks offering, c.i.f. New crop, January-March shipment, Kobe No. 1, 1s. 7½d.; No. 2, 1s. 6½d.; Yokohama No. 1, 1s. 5½d. per lb., c.i.f.

**ALKANET ROOT.**—Spot supplies are available in the region of 45s. per cwt.

**ANTIMONY.**—Chinese crude is now quoted at £33, c.i.f. Market firm.

**ARNICA FLOWERS.**—Small spot parcels are mentioned at about 9d. per lb.

**BALSAMS.**—Some small spot business. *Tolu*, from 1s. 9d. per lb., for soft. *Canada*, 2s. 6d. *Peru*, 5s. 4½d. per lb., spot.

**BELLADONNA.**—Leaves are offering on spot at 75s. and good test root at 60s. per cwt., for small parcels.

**BUCHU.**—Market is at full rates, with the limited supplies on spot well held. Rounds, good green, 1s. 4d., if available; fair, 1s. 3d. and upwards. Ovals, about 11d. per lb.

**BURDOCK ROOT.**—Dealers quote spot supplies in small lots at about 60s. per cwt.

**CAMPHOR.**—Market remains dull: spot, slabs, 2s. 1d.; flowers, 2s. 1½d.; tablets, 2s. 5d.; shipment, slabs, 1s. 9½d.; flowers, 1s. 10d.; tablets, 2s. 1d. per lb., c.i.f. English refined is still unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz. and ¼ oz. and ⅓ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

**CANTHARIDES.**—Some Russian flies on spot are available from 6s. 9d. to 7s. 3d., as to quantity. Chinese, 3s. 5d. to 3s. 7d. per lb.

**CASCARA SAGRADA.**—Quoted values are maintained: shipment, in car-load lots, 30s. per cwt., c.i.f.; spot, in small lots, 35s. 1933 peel, 42s. 6d. per cwt.

**CHAMOMILES.**—Practically no business transacted for some time, with values generally unchanged. There is inquiry, but buyers are waiting for the issue of the overdue exemption order lifting the import duty.

**CLOVES.**—Market has remained rather quiet and is slightly easier forward. Zanzibar, spot, 6d.; shipment, January-March, 5½d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended November 22, were *nil* and the deliveries 34, leaving a stock of 3,119. From January 1 to date the landings of Zanzibar have been 4,901 and the deliveries 4,265. Landings of Madagascar for the week ended November 22 were *nil* and the deliveries 26, leaving a stock of 283. From January 1 to date landings of Madagascar have been 326 and the deliveries 1,025 packages.

**COCOA BUTTER.**—Prime English is quoted at about 8½d. to 9½d. per lb., as to quantity. Foreign, about 8d. per lb.

**COCONUT (DESICCATED).**—Market keeping steady; business limited. Spot, fine, 17s. 9d.; medium, 17s. 6d.; shipment, halves, December-January, 16s. 9d. per lb., c.i.f.

**COD-LIVER OIL.**—Bergen reports shipment business continues on fair scale, with the market quite steady. Finest Lofoten steam-refined non-freezing medicinal oil, 90s. per barrel, c.i.f. London. Spot, in small lots, 130s. per barrel, ex store, duty paid. Newfoundland non-freezing medicinal oil, 130s. per barrel, ex store. British non-freezing medicinal oil continues to be quoted from one source at 115s. per barrel, c.i.f. London, duty free, while quotations from another home source are at higher figures.

**DAMIANA LEAVES.**—The small parcels available on spot are fully steady at 2s. 2d. per lb.

**DANDELION ROOT.**—Reported to be in rather short supply with small lots at 70s. per cwt.

**DERRIS ROOT.**—Inquiry for shipment, with offers ranging from 8½d. to 1s. 2d. per lb., c.i.f., as to test. Spot, if available, 11d. per lb. for 17 per cent. ether extract.

**EPHEDRA HERB.**—The shipment quotation is about steady at 19s. per cwt., c.i.f., for quantities.

**ERGOT.**—Some limited business on spot. Spanish, 1s. 7½d.; with shipment, 1s. 5d., c.i.f. Portuguese, 1s. 6½d. Russian, 1s. 4½d. per lb., spot.

**GENTIAN.**—There has been a steady demand on spot for limited quantities, with the price about 42s. 6d. per cwt.

**GINGER.**—High rates are still being quoted for West African, with spot at 37s. and for arrival at 31s. per cwt. Jamaican is steady, with small grinding about 80s. and bold up to 110s. per cwt., in barrels.

**GUM ACACIA.**—Market is steadier at the recent decline: spot, Kordofan cleaned sorts, 34s.; bleached, 65s. to 70s. per cwt.; shipment, Kordofan cleaned sorts, 31s. per cwt., c.i.f., for new crop, January-February shipment.

**HENBANE.**—Dealers continue to quote spot goods at 73s. to 75s. per cwt., as to quantity.

**HONEY.**—Still but very modest inquiry, prices unchanged. Jamaican, 32s. 6d. up to 47s. 6d. per cwt., as to quality. Canadian, white set, 48s. to 50s.; San Domingo, amber, 31s.; Californian, white clover, 44s. to 45s. per cwt.; Chilean, dark, 26s. 6d., in bond; Mexican, darkish, 25s. 6d., in bond.

**HYDRASTIS.**—This market shows a further recovery, with spot now up to 5s. 3d. for small parcels; shipment is at 5s. per lb., c.i.f., with a firmer tendency on account of report of short stocks.

**IPECACUANHA.**—Market continues firm. Matto Grosso, 5s. to 5s. 3d. per lb. Minas, 4s. 3d. per lb.

**LIQUORICE ROOT.**—Natural root is freely offered in the region of £13 per ton.

**LOBELIA HERB.**—Market is still dull. Spot, 11½d. to 1s. for small lots; shipment, about 8½d. per lb., c.i.f.

**MANNA.**—Dealers quote selected flake in 1-lb. tins on spot up to 5s. 3d. per lb.

**MENTHOL.**—The Japanese product has been dull all the week, but values are being maintained. K/S brands, spot, 12s. 4½d.; afloat, 11s. 4½d.; shipment, October-December, 11s. 3d.; January-March, 11s. 4½d. per lb., c.i.f. sellers. Japanese shippers quote 11s. 7d. per lb., c.i.f.

**MERCURY.**—Market is steady, fair business. Spanish-Italian, shipment, 57 dollars per bottle, f.o.b. Continent. Spot, in small lots, £11 11s. per bottle, ex store.

**PEPPER.**—Market is steadier. Lampong, spot, 6½d.; shipment, November-December, 5½d.; January-March, 5½d., c.i.f. Tellicherry, spot, 7½d.; shipment, November-January, 58s., c.i.f. Aleppy, spot, 6½d.; shipment, November-January, 57s., c.i.f. White Muntok, spot, 1s. 4½d.; shipment, November-December, 1s. 2½d.; January-March, 1s. 3½d., c.i.f. January delivery, 1s. 4½d.

**PIMENTO.**—Market is steadier. Spot, 2½d. per lb.; shipment, November-December, 21s. 6d. per cwt., c.i.f. Afloat, 22s. paid.

**QUILLARIA BARK.**—Occasional inquiry. Whole bark, £28 per ton; crushed, 35s. 6d. per cwt.; shipment, whole bark, £20 per ton, c.i.f.

**RUBBER.**—Values show a slight recovery and the market is steadier. Standard ribbed smoked sheet, spot, 6½d.; December, 6½d.; January, 6½d.; January-March, 6½d.; April-June, 6½d.; July-September, 6½d. per lb.

**SAFFRON.**—Market very quiet, quoted unchanged. Spot, prime B.P., 53s.; extra B.P., 52s.; super B.P., 50s. 6d. per lb., and less for bulk quantities.

**SARSAPARILLA.**—Some occasional spot business. Jamaican, grey, 1s. 7d.; native mixed, 1s. 2d. to 1s. 3d. per lb. Mexican, 7½d. to 8d. per lb. for quantities.

**SEEDS.**—ANISE.—Spot, duty-paid Spanish, 70s.; Bulgarian, 41s. 6d. CARAWAY.—Market quiet, very little inquiry. Dutch spot, 34s. 6d., duty paid. CORIANDER.—Morocco 1933 crop, 13s. 6d.; new crop, 14s. 6d., spot, duty paid. Wormy quoted 12s. 6d. to 13s. CUMIN.—No Malta to be had on spot, Morocco firm at 57s. 6d., duty paid. DILL.—Bombay offered on spot at 15s. FENUGREEK.—Morocco sold at 13s. 6d., spot. MUSTARD.—English, 21s. to 32s. per cwt., according to quality.

**SENEGA.**—A little more inquiry, market steady. Spot, 1s. 2d.; shipment, 1s. 1½d. per lb., c.i.f.

**SENNA.**—Good green Tinnevely leaves: No. 1, 6d.; No. 2, 4d.; No. 3, 3½d.; second grades about halfpenny per lb. less, spot. Best quality pale hand-picked Tinnevely pods, 5½d. down to 4½d. for lower grades. Alexandrian hand-picked pods of good bold sound green quality are badly wanted. Supplies of fair quality offered at 2s. 9d. to 3s., and medium grades at 1s. 6d. to 1s. 9d. per lb., ex wharf, duty paid.

**SHELLAC.**—At the lower values the market tends to be steadier. Spot, standard TN orange, 84s. to 89s.; fine orange, 125s. to 150s.; pure button, 125s. per cwt. For delivery, December, 83s.; March, 86s. 6d. For arrival, TN, November-December, 84s. per cwt., c.i.f.

**SQUILL.**—Dealers are quoting from 22s. 6d. to 30s. per cwt., as to quality and quantity.

**STRAMONIUM.**—The market is fully steady as quoted at 55s. to 60s. per cwt., spot, as to quantity.

**TRAGACANTH.**—This market has been rather quieter, but spot prices are keeping well up to former rates.

**VALERIAN ROOT.**—This market continues firm and is again rather firmer at 65s. to 70s. per cwt.

**WAX.**—BEES'. Market is keeping steady; moderate business. Abyssinian, spot, 102s. 6d.; shipment, 92s. per cwt., c.i.f. Benguella, spot, 105s.; in bond, 95s.; shipment, 90s., c.i.f. Conakry, spot, 102s. 6d.; shipment, 88s., c.i.f. Dar-es-Salaam, spot, 102s. 6d.; shipment, 97s., c.i.f. Madagascar, spot, 100s.; shipment, 83s. per cwt., c.i.f. CARNAUBA: Market continues firm, with further advances, due to shortage of stocks. Fatty grey, 122s. 6d., duty paid; 110s., in bond; 105s., afloat; shipment, October-November, 104s. 6d.; November, 100s.; January-February, 99s.; February-March, 97s. 6d. per cwt., c.i.f. Chalky grey, 120s., duty paid; shipment, November-December, 96s.; January-February, 90s. per cwt., c.i.f. Primeira, 240s., duty paid; 220s., in bond; shipment, January-February, 160s.; February-March, 155s. per cwt., c.i.f. Mediana, 215s., duty paid; 200s., in bond; shipment, January-February, 150s. per cwt., c.i.f.

### Essential Oils, etc.

FAIR business in limited spot quantities Brazilian bois de rose is firm. Java and Ceylon citronella slightly steadier. Lemon-grass dull but firm forward. Japanese peppermint dull. Australian eucalyptus fully steady.

**ALMOND.**—Market steady but quiet. English-made, cwt. lots, 2s. 6d.; smaller parcels, up to 2s. 8d. Foreign, cwt. lots, 2s. 4d.; smaller parcels, up to 2s. 7d. per lb. Bitter, s.p.a., genuine French, 9s. per lb.

**ANISE (STAR).**—Market steady but dull. "Red Ship," in leads, 1s. 11d.; in tins, 1s. 9½d.; in drums, 1s. 8d.; shipment, in leads, 1s. 8d.; in tins, 1s. 6½d.; in drums, 1s. 6½d. per lb., c.i.f.

**BAY.**—The market tends to be steadier, with 49 to 50 per cent. now at 5s. 3d. to 5s. 6d. per lb., as to quantity.

**BERGAMOT.**—Market remains dull, with shipment offers of old oil round about 5s. to 5s. 3d. per lb., landed. New crop oil is mentioned at about the same figures, c.i.f.

**BOIS DE ROSE.**—Although there is not much business moving the position is firm, with shipment offers restricted and mentioned from 5s., c.i.f. Spot oil is being firmly held from 5s. 3d. upwards quoted for drums of Brazilian.

**CAJUPUT.**—Market is dull. Spot, 2s. 2d. to 2s. 3d.; green, 1s. 9d. to 1s. 11d. per lb., as to quantity.

**CANANGA.**—Continues firm on short supply. Spot, 10s. 6d. per lb.; shipment, new crop, 8s. 6d., c.i.f.

**CANANGA.**—Continues firm on short supply. Spot, 10s. 6d. per lb.; shipment, new crop, 8s. 6d., c.i.f.

**CASSIA.**—Market is slightly cheaper. Spot, 3s. 11d. to 4s.; shipment, 3s. 6½d. per lb., c.i.f.

**CEDARWOOD.**—Steady; fair business. American, spot, 1s. 4½d. for small lots; shipment, 1s. 2½d. per lb., c.i.f., in drums. African oil at level figures.

**CINNAMON LEAF.**—Market continues quite steady, with Ceylon oil on spot at 2s. 10½d. to 3s. per lb.; shipment, 2s. 7½d., c.i.f.

**CITRONELLA.**—Conditions in the shipment market for Java are again slightly better, with the price now close up to

1s. 3d., c.i.f. Spot, drums, 1s. 7d.; smaller parcels, up to 1s. 8d. per lb. Ceylon is also a point better, with shipment at about 1s. 0½d., c.i.f., and spot parcels about 1s. 4d. per lb.

**CLOVE.**—There are practically no shipment offers of Madagascar, with indications of firmer conditions. Spot is still quoted at 3s. 4d. to 3s. 6d. per lb. English-made, 3s. 6d. to 3s. 9d. per lb., and slightly less for bulk quantities.

**EUCALYPTUS.**—This market is well maintained at last week's advance. Australia, 70 to 75 per cent., 1s. to 1s. 0½d.; 80 to 85 per cent., 1s. 1d. to 1s. 1½d. per lb., landed, in fair quantities. Spanish, 70 to 75 per cent., 1s. 2d. per lb., spot.

**GERANIUM.**—Bourbon and Algerian continue unchanged on a rather dull market.

**GINGERGRASS.**—Occasional small business. Spot, 4s. 8d. to 5s.; shipment, 4s. 9d. per lb., c.i.f.

**Ho (SHU).**—Rather more inquiry. Spot, 1s. 9d. to 2s. per lb., as to quality and quantity.

**JUNIPER BERRY.**—Steady; fair business. Genuine oil averages 3s. 6d., with the finest up to 5s. per lb., landed.

**LAVENDER.**—The shipment market is reported very firm, with a further sharp advance recorded. Finest Mt. Blanc, 38 to 40 per cent., is offered at 27s. 6d. to 30s., landed; a good standard quality at about 20s.; and other offers are down to 15s. 3d. per lb., landed. Lavandin, new crop, 10s. to 12s. 6d. per lb., landed.

**LEMON.**—Not much interest in this product. Shipment offers of Sicilian hand-pressed are at about 3s. to 3s. 2d., c.i.f., as to brand and quantity. Spot, about 3s. 3d. to 3s. 6d. Machine-made, 2s. 9d. to 2s. 10d., c.i.f. Californian is unchanged: in large drums, 1s. 10½d.; in small drums, 1s. 11½d. per lb.

**LEMONGRASS.**—With practically no inquiry for shipment during the week the forward market continues firm, due to very few offers from the source. The figure is nominally 3s. 3d., c.i.f., with a tendency to firmer conditions. Spot, 3s. 6d. to 3s. 9d. per lb., as to quantity.

**LIME.**—Some small spot business, with West Indian distilled at about 21s. to 22s. per lb., and less for bulk lots.

**MANDARIN.**—Very quiet; quoted on spot from 12s. 6d. to 14s. 6d. per lb., as to quantity and quality.

**NEROLI.**—Limited inquiry, market steady. Quoted at 14s. 6d., 16s. 3d., 20s. 6d. and 22s. 6d. per oz., as to quality.

**NUTMEG.**—English-made oil is offered on spot at about 5s. 6d. per lb.

**ORANGE.**—Chief interest seems to be in the new crop position of French Guinea oil, but so far offers from reliable sources for filtered oil in new drums are not forthcoming; in other directions some low figure offers are reported. Sicilian sweet is unchanged and dull. Californian steady. Spot, one case, 2s. 4½d.; two or more cases, 2s. 4½d. per lb.

**PALMAROSA.**—Market shows no change, quiet and steady. Spot, 5s. 6d. per lb.; shipment, 5s. to 5s. 1d. per lb., c.i.f.

**PATCHOULI.**—Market is very firm, with shipment touching 8s. 6d., c.i.f., with Singapore oil on spot offered at the same figure.

**PEPPERMINT.**—The market has remained mostly dull, with values maintained despite the lack of interest. Japanese, spot, 4s. 6d.; shipment, October-December, 4s. 4d.; January-March, 4s. 4½d. per lb., c.i.f. sellers. Japanese shippers quoting at about 4s. 6d. per lb., c.i.f. The American natural oil in drums is steady at 3 dollars 40 to 45 cents per lb., c.i.f.

**PEITGRAIN.**—Spot offers continue at 4s. 4d. per lb., with shipment, December-January, at 3s. 9d. per lb., c.i.f. Market quiet but steady.

**ROSEMARY.**—A moderate business, market steady. Spanish, first quality, 2s. to 2s. 1d.; second quality, 1s. 8d. to 1s. 10d. per lb., in quantities, spot.

**SANDALWOOD.**—Quoted unchanged with competition in Mysore oil. Genuine East Indian Mysore, 10s. per lb., in one-case lots, on spot. English-made East Indian, 22s. 6d. to 25s. per lb., as to quantity. English-made West Indian, cwt. lots, 6s. 9d.; 56 lb., 6s. 10½d.; 14 lb., 7s. per lb.

**SASSAFRAS.**—For average quality natural oil dealers are asking about 4s. to 4s. 2d. per lb.

**SPEARMINT.**—Moderate inquiry, market steady. Spot, in the region of 8s. 9d.; shipment, 7s. 9d. per lb., c.i.f.

**SPIKE.**—A very firm shipment market, with finest Spanish costing fully 5s. 7½d. per lb., landed and duty paid. French, spot, 9s. per lb.

**VEITIVERT.**—Fully steady, small spot business. Spot, 34s. for small parcels; shipment about 28s. 9d. per lb., c.i.f.

**WORMSEED.**—Not much business. Spot, 9s. 10½d.; shipment, 8s. 9d. per lb., c.i.f.

## Industrial Chemicals, etc.

The demand for industrial chemicals continues on a very fair scale, with prices in most instances steadily maintained. Foreign arsenic is competitive and sodium acetate is slightly cheaper. Ammonium chloride is quoted cheaper. There is a distinct possibility that oxalic acid will become liable to key industry duty on and from January 1 next.

**ACETIC ACID.**—Market doing fair business; quoted unchanged: 80 per cent. technical, £38 5s.; 80 per cent. pure, £39 5s. per ton, in barrels; glacial, pharmaceutical, 99 to 100 per cent., £59, in glass demijohns; glacial, in barrels, £48 per ton, carriage paid in U.K.

**ACETONE, B.G.S.**—Steady business reported: £65 to £68 per ton, in drums, carriage paid; less for large quantities.

**AMMONIA (ANHYDROUS).**—Market steady, with average business: 99.95 per cent. material, 1s. to 1s. 2d. per lb., in loaned drums, carriage paid, and less for important contracts.

**AMMONIUM CHLORIDE.**—Restricted inquiry, with values slightly cheaper: grey galvanising, £17 10s. per ton, in casks, ex store; slightly less for contracts.

**ARSENIC.**—A competitive market. Australian, £15 to £17 per ton, c.i.f. Japanese, £14 10s. to £15 10s. per ton, c.i.f. Continental, £16 per ton, c.i.f., for good quantities.

**BLEACHING POWDER.**—Makers' home trade price unchanged; imported at keen figures: 35 to 37 per cent. chlorine, £8 12s. 6d. per ton, in softwood casks, carriage paid.

**BORAX.**—Commercial granulated, £14 10s.; crystals, £15 10s.; powdered, £16; extra fine powder, £17; B.P. crystals, £23 10s.; powdered, £24; extra fine, £25 per ton, in free 1-cwt. bags, carriage paid in Great Britain; makers' quoted prices unchanged.

**BORIC ACID.**—Commercial granulated, £25 10s.; crystals, £26 10s.; powdered, £27 10s.; extra fine, £29 10s.; large flakes, £38; B.P. crystals, £34 10s.; powdered, £35 10s.; extra finely powdered, £37 10s. per ton, for 1-ton lots and upwards, in free 1-cwt. bags, carriage paid in Great Britain; makers' prices unchanged.

**FORMIC ACID.**—Average business; market steady: 85 per cent., £43 10s. per ton, in carboys, ex store.

**FORMALDEHYDE.**—A keen market, with quite a good business passing: 40 per cent., by volume, £23 to £24 per ton, in casks, ex store; lower prices for big quantities.

**ISOPROPYL ALCOHOL.**—British material is quoted at about £5 12s. per cwt., in drums, ex works.

**LITHOPONE.**—Market continues at keen prices, with British material leading: 30 per cent., red seal, £16 10s. to £17 per ton, ex store.

**OXALIC ACID.**—Average business, with prices very firm. There is a possibility of this article becoming liable to key industry duty on January 1 next. Spot, bulk quantities, £48 15s. per ton, in casks; smaller parcels, 57s. to 58s. 6d. per cwt., in kegs.

**POTASH, CAUSTIC (88 to 92 PER CENT. SOLID).**—Limited business, with dealers quoting from £35 to £36 10s. per ton, in drums, ex store.

**POTASSIUM CARBONATE.**—Market steady, but rather quiet: 90 to 92 per cent., £27 10s. to £28 per ton; 96 to 98 per cent., £30 to £30 10s. per ton, in casks, ex store; lower prices for contracts.

**POTASSIUM CHLORATE.**—Fair business. Ton lots, £36 10s.; smaller parcels, 4½d. to 5½d. per lb., ex store.

**POTASSIUM PERMANGANATE.**—Dealers' prices very steady; business on a good scale: commercial quality, in two-cwt. drums, 9½d. to 10d. per lb., ex store, as to quantity.

**POTASSIUM PRUSSATE.**—A slow market: yellow, £74 10s. to £77 per ton, as to quantity.

**RED LEAD.**—Convention prices show no further change: English, 5-10 cwt., £25; 10 cwt.-1 ton, £24 15s.; 1-2 tons, £24 10s.; 2-5 tons, £24; 5-20 tons, £23 10s.; 20-100 tons, £23; over 100 tons, £22 10s. per ton, less 2½ per cent., carriage paid; non-setting red lead, 10s. per ton dearer in each case; Continental material, £1 per ton cheaper.

**SAL AMMONIAC.**—Dealers' prices about steady; business quiet: dog-tooth crystals, £34 15s.; medium, £31; fine white crystals, £16 to £16 10s. per ton, in casks, ex store; slightly less for contracts.

**SALTCAKE.**—Home trade price remains at 63s. 6d. per ton, in minimum truck lots, carriage paid.

**SODA, CAUSTIC.**—Makers' prices unchanged: 70 to 72 per cent., £13 12s.; 76 to 77 per cent., £14 per ton, carriage paid, on contracts; spot, 10s. per ton extra.

**SODA CRYSTALS (CARBONATE).**—Makers quoting to home consumers at £5 to £5 5s. per ton, in bags, delivered station.

**SODIUM ACETATE.**—Slightly cheaper on a dull market: £20 10s. per ton, in casks, ex store.

**SODIUM BICARBONATE.**—Makers' home trade price for refined, in bags, £10 10s. per ton, carriage paid.

**SODIUM CHLORATE.**—Limited inquiry. Ton lots, £32 5s.; smaller parcels, 4d. to 5d. per lb., ex store.

**SODIUM HYPOSULPHITE.**—Market is easy as quoted: photographic pea crystals, £14 10s. per ton, in 1-cwt. kegs, carriage paid on minimum 2-ton lots; commercial, £10 5s. per ton, in 2-cwt. bags for minimum 2-ton lots, carriage paid.

**SODIUM PRUSSATE.**—Fair demand for small parcels: quantities, 4½d. per lb.; smaller parcels, 5d. to 6d. per lb., ex store.

**WHITE LEAD.**—Convention prices show no further change: dry, English, less than 5 tons, £34 10s.; 5-15 tons, £29 10s.; 15-25 tons, £29; 25-50 tons, £28 10s.; 50-200 tons, £28 per ton, less 5 per cent., carriage paid. Continental, £1 per ton cheaper.

Ground in oil, English, 1-5 cwt., £44; 5-10 cwt., £42; 10 cwt.-1 ton, £41 10s.; 1-2 tons, £40 10s.; 2-5 tons, £39; 5-15 tons, £36; 15-25 tons, £34 10s.; 25-50 tons, £34; 50-100 tons, £33 10s., less 5 per cent. discount, carriage paid. Continental, £2 per ton cheaper.

# Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

## The Policy of the Photographic Manufacturers

SIR,—It does seem a great misfortune that the manufacturers of photographic material could not agree to a common policy with the dealers. Reading the policy given out by each firm in the *C. & D.*, November 17, p. 603, their unanimity seems almost touching in its character. Accepting each at its face value, surely some agreement could have been adhered to and continued for the good of every section of the trade.—Yours truly,

C. GOODE.

Twickenham.

## Humorists at Bloomsbury Square

SIR,—Your editorial article of November 24 entitled "Humorists at Bloomsbury Square" affords interesting and amusing reading; but the incidents as related should awaken the life members—and, indeed, all members. The need for the fullest publicity for all Council resolutions is apparent, as is also the urgent need for a Pharmaceutical Watch Committee consisting of delegates from all districts. Bureaucrats should be reminded that they are the servants, not the masters, of those who appoint them.—I am, etc.,

THE THISTLE (27/11).

SIR,—The confusion occasioned by reading the narrative set forth in your issue of November 24 (p. 641) grows when it is remembered that in the official organ of the Pharmaceutical Society for September 15 there was a notice relating to certificates of registration. It states that "to meet the convenience of pharmacists who have no certificate of registration at present and who wish to obtain one for exhibition when the sections [8, 9 and 10 of the Pharmacy and Poisons Act, 1933] are brought into force, certificates will be issued now to those who do not already possess them," etc. "It is unnecessary for holders of the following certificates of registration to apply for new certificates:—

"(1) The so-called 'Guinea' Certificate.

"(2) The Pharmaceutical Chemist Diploma.

"(3) The Membership Certificate if it bears the words 'Who is a Chemist and Druggist' or 'Who is registered as a Chemist and Druggist.'"

I do not know whether your correspondent's membership certificate bears either of the above statements; if it does he can use his membership certificate as a certificate of registration, and I suggest that in this case he should return the more recent certificate sent him by the registrar, as the older certificate is proof of membership as well as of registration. It is true he may not be regarded as an "old and valued member of the Society" by refusing to give this up, but I presume he will not mind that. An official statement regarding the suppression of the February 7 resolution is surely required, and should be pressed for by members.—Yours, etc.,

JUSTITIA (27/11).

SIR,—I enclose correspondence from Bloomsbury Square on the return of my certificate of membership. If the fact that my certificate has not the words "who is registered as a Chemist and Druggist" printed after my name makes it worthless for the purposes of the Pharmacy and Poisons Act, could they not have asked for its return and have the necessary words printed on it? There is ample space for them. This would have made it identical with a certificate of membership issued in 1925 (a life member's) which I have seen. My principal objection to this new certificate is that it has printed across the bottom in bold type: "This Certificate of Registration is for the purposes of the Pharmacy and Poisons Acts, 1852-1933, and is the property of the Pharmaceutical Society." We know the certificate is legally ours during such term only as we are members, but why should some of us have to advertise this fact to the public so conspicuously? There are now two distinct forms of certificates of registration and member-

ship. Another member of my acquaintance asked for a certificate of registration, but they would not send one till he had been before a commissioner for oaths and sworn that he had not a membership certificate. He has been a loyal member for many years, an annual subscriber to the Benevolent Fund and a subscriber to any other fund to which he has been asked to contribute: he is also a faithful member of his local association and branch. Why could they not accept his word? If these methods are not actually *ultra vires*, they are certainly very tactless. I must thank you for the stand you are making in the interest of the rank-and-file members like myself, and can only hope you will be successful in rousing them to take action in the only direction left—to turn out of office seven members of the Council each year till a thorough change is effected. If you could induce the right men to stand for the Council—not necessarily men in the retail, but those who have made a success of their own businesses, who deserve and command respect—one would have more hope for the future of our calling.—Yours faithfully,

INCERTITUDE (27/11).

## An Objective for Pharmacy

SIR,—Although one can agree with "The Thistle" (*C. & D.*, November 17, p. 620) in many of his comments on "An Objective for Pharmacy," it is not easy to see how some of his suggestions would effect an immediate improvement. To increase one's charges and to honour the charges of others would undoubtedly mean an all-round improvement; but up to the present nobody has devised a method for procuring the honourable observance of agreements in the absence of legal restrictions and penalties, so that to increase one's charges would drive one's customers to the nearest shop where the agreed prices were not adhered to. Similarly we should refuse to be intimidated by the stores, and at the same time ignore the manufacturers' statements that the public demand sixpenny and threepenny lines. I have had three of the largest stores within a hundred yards of my premises for some years; I have never been frightened of them, but to refuse to stock sixpenny lines would merely be presenting these competitors with those of my customers who buy small packs. At present the only truly pharmaceutical work reserved to us is insurance dispensing, and taking into consideration the time, skill and responsibility required it is the worst-paid part of our business. Here is the first place in which we ought to stand out for a remuneration more in accordance with professional work.—Faithfully yours,

HONORIS (28/11).

## Strategic Points in the Pharmacy

SIR,—I have often been annoyed, and sometimes heartened, by my customers' lack of interest in the goods that are spread out so temptingly on my counter. They simply don't see them! In a world that is so full of a number of things we all, I suppose, as a measure of self-preservation, cultivate a blind eye for the things we do not wish to see. But the blindness of customers is often beyond belief. Standing at the counter a customer will ask, "You don't stock so-and-so, do you?" when the article in question is prominently and attractively displayed directly under his or her nose. Yet there is one spot in my pharmacy where goods are seen, as I discovered after making a few experiments. I watched customers as they entered the shop, observed where they came to a standstill, noted where their glance rested. As a result I found that there was one small area of counter which attracted their attention as if a spot-light were directed on it; and I discovered that seasonable goods displayed in that area were quickly snapped up. The reason why customers should take notice of articles shown there, and ignore others a few feet away, is not clear, but so it is. That is my

strategic point, and it is the most valuable spot in the pharmacy for displaying lines that I wish to turn over quickly. I wonder if other chemists have made a similar discovery.—Yours faithfully,

OBSERVANT (16/10).

### Nurses' Registration Cards

SIR,—In the system of issuing registration cards to nurses, how far is the discount intended to apply? Is it only to be given on medicines and appliances for the treatment of the patient the nurse is attending, or is it to apply to all purchases, whether for herself, her patient's family, or her friends? And in the latter case who receives the extra discount, the nurse or the actual purchaser? In my own business I have allowed the 10 per cent. discount to nurses and doctors who are known to me personally in the district, but not to strangers. Not long ago I had a lady customer who chose several items, and when I added up the total amount she produced a card and said her nurse had told her it entitled her to a discount. The card was issued by a firm with which I had no connection, so I was obliged to disappoint her. This is just one instance of how these cards may be handed from one person to another.—Yours truly,

CARTA (6/11).

### Chemistry in the Irish Free State

SIR,—“Calculus” and “Employer” are justified in their case against handing over the teaching of chemistry in the Irish Free State to the University College. The two reasons given for the original motion (C. & D., October 20, p. 483)—the improved standing of licentiates and to facilitate the courses of those who want to study medicine—are not sufficient grounds for taking such a serious step. As regards the first, does not the calling of pharmacy carry with it a very high prestige in the retail trading world? And what additional standing can university-taught chemistry give to the licentiate? As a student he is not of the university, but is permitted inside its doors to hear lectures on one subject, the very same lectures he could have got at the Society's school. When qualified, the greater part of his income will be from retail trading, where the standing that members of the Council are seeking will not have much influence. In very few cases does pure pharmacy return a living. In the second case, matriculation opens the door for those licentiates who desire to take up medicine later on. The idea of compelling all students to attend the University in order to favour a very few is unreasonable. Members of the Council have stated on several occasions that the Society's chemistry school is first class. That being the case, why not approach the University authorities and get them to recognise the chemistry course as taught in the Society's School? To my mind the education of the pharmaceutical chemist should be entirely in the hands of the Pharmaceutical Society, who are best qualified to undertake it. I cannot but regret the little interest taken by members of our craft in such a major point. They may be sorry when it will be too late.

Faithfully yours,

PHARMACIST (23/11).

### Public Medical Services

SIR,—Recent reports of the formation of public medical services inaugurated in England and Scotland make ominous reading to thinking chemists, and one may be pardoned for asking if by complicity in these schemes British pharmacy is not descending to a still lower level. Certain points in your report of the Brighton, Hove and Portslade Public Medical Service (C. & D., November 24, p. 636) persuade me that the answer is in the affirmative, and I should like to offer the suggestion to all chemists to “ca canny” in all such negotiations. To me it seems absurd that the chemists should, for the miserable crumbs they are likely to get from this medical service, sign away their right to counter prescribing. I sincerely trust they will not do any such thing. Otherwise they will become mere “robots.” Were the dispensing of all prescriptions to be given to

chemists and the latter to charge their normal rates the situation would not be so one-sided. Personally I would much rather refuse to be a party to any public medical service than give up my right to counter prescribing. I observe that prescriptions are to be sent in quarterly for pricing, so that the chemists will wait for their money about four months. This means that the chemists will in great measure be subsidising the scheme. Disputes between doctors and chemists have been provided for; but under the N.H.I. Acts there is no likelihood of disputes between doctors and chemists, as each is treated individually by the Insurance Committee for the area. I notice, too, that the first charge on a doctor's credit is service charges: the chemist is to play second fiddle. My candid opinion is that chemists are making a sorry bargain which they are likely to rue. They are going to lose the business they already have at normal rates for dependants; and they should insist that if they are to give up counter prescribing doctors must cease supplying medicines, vaccines and surgical appliances.

Yours truly,

COMMON SENSE (26/11).

### The Brunswick Square Scheme

SIR,—On mentioning the proposed heavy expenditure by the Council of the Pharmaceutical Society on the new building to an outsider, his immediate reply was, “Why not have half a dozen buildings up and down the country, each, say, of £10,000 value, and one of £50,000 in London?” A colossal building in London will not raise the prestige of pharmacy in the industrial towns, and will not impress Londoners much. Further, if the worst comes to the worst, I hope this palace of learning is not called “Pharmacy House.” If chemists want publicity it is no use using such words as “pharmaceutical,” which can only be pronounced by one person in twenty, understood by one in fifty, and is misunderstood by the rest. Is there no claim to the title “apothecary?”—Yours truly,

NON-MEMBER (26/11).

### Managers and Proprietors

SIR,—After many years of experience as assistant, manager and proprietor I am inclined to the opinion that there is little to choose between the business capabilities of the average good manager and the average proprietor. The good proprietor has usually been the good manager, and finds when he is his own master that the habits of industry and efficiency developed in the lower capacity stand him in good stead in the higher. Not all good managers, however, become proprietors. This is not always because they cannot put their hands on the capital, but because they have dropped into congenial jobs in pleasant districts, with employers who treat them liberally. Many managers do not desire the responsibility of owning a pharmacy; many would not do so well financially if they did own one. The possession of a hobby or the love of sport I find to be a factor in keeping many managers from going into business for themselves. They may belong to a tennis, cricket or golf club; they may be members of a local orchestra or literary association. Given a congenial job, friends in the district, with literary, scientific and social opportunities, I am not sure that I should not decide on the post of the manager to-day in preference to the responsibilities of the proprietor.—Yours, etc.,

COUNTRY CHEMIST (6/11).

### Proposed Limitation of Retail Shops

SIR,—In spite of the free advice in your issues of November 17 and 24, young chemists will have their fling and open shops where there are plenty already, and it seems hopeless to attempt to stop them; in the end they lose their money. The same remark applies to other traders, four out of every five die poor. They are like the Irishman who said, as he was on his death-bed: “I was born penniless and I die the same. Thank God I've held my own.” They live from hand to mouth, earn very little and are compelled to spend all they earn.

Yours, etc.,

VICTORY (27/11).

## Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

*W. L. (30/108).—BOULES DE MARS.*—Boules de Mars, Boules de Nancy, or Globuli Martiales are the names applied on the Continent to a preparation of crude tartarated iron, formed into balls. An official formula for this obsolescent preparation figures only in the Austrian Pharmacopœia:—

Iron in powder .. ..	100 grams
Cream of tartar .. ..	600 grams
Distilled water .. ..	400 grams

Mix and digest with frequent agitation, replacing the water lost through evaporation until the iron is almost completely dissolved and a uniform mass of a pasty consistence is produced. This is divided into balls, each weighing 30 grams, which are then dried at a temperature not exceeding 50° C.

The following is an alternative formula:—

Iron in powder .. ..	100 grams
Cream of tartar .. ..	500 grams
Distilled water .. ..	200 grams

Set aside for 2 to 3 days with occasional agitation, then maintain the mixture at a temperature of 50° C., replacing the water lost by evaporation until the resulting mass dissolves in water to a dark green solution. Then add sugar in powder, 250 grams. Mix and dry the mass which is then divided into balls of the desired weight.

The addition of sugar increases the stability as well as the solubility of the preparation.

*R. B. (14/108).—POMADE DE LA MÈRE.*—The title Pomade de la Mère is in current use in France and in French Switzerland for a form of lead plaster. The following is the formula given in the French Codex for

EMP. FUSCUM

*Onguent de la Mère Thecle*

Olive oil .. ..	10 parts
Lard .. ..	5 parts
Butter .. ..	5 parts
Yellow beeswax .. ..	5 parts
Litharge .. ..	5 parts
Suet .. ..	5 parts
Black pitch .. ..	1 part

In some non-official formularies camphor also figures among the ingredients.

*T. G. C. (7/58).—HAIR WAVING AND SETTING LOTION.*—The sample consists of an alkaline sulphite in an aqueous solution, together with a gum and a small amount of ammonia (less than 1 per cent.). Its composition would approximate to the following formula:—

Sodium sulphite .. ..	2 grams
Strong solution of ammonia ..	0.5 c.c.
Mucilage of acacia .. ..	1 c.c.
Water .. ..	to 100 c.c.

*M. F. (15/88).—DEPILATORY WAX.*—Recipes for depilatory wax are given in "Pharmaceutical Formulas," Vol. II, p. 12. W. A. Pusey's formula for Epilating Wax, which is used for removing cosmetically objectionable hairs, consists of one part of beeswax and four parts of finely powdered resin. The wax is melted over a low fire, and after melting is complete the powdered resin is added. The heat is continued and the mass stirred gently until entirely melted; this is then made into sticks or moulded into blocks. Other depilatory waxes contain ceresin or carnauba wax.

*A. H. H. (28/88).—LINOLEUM POLISH.*—The sample of the linoleum polish, which you state requires no polishing after application is an emulsion which yields 12.3 per cent. of total solids, borax being the inorganic component. Its equivalent as crystallised (ordinary) borax is 2.1 per cent. Of the remaining 11 per cent. (say), 10 per cent. may be taken as due to wax (possibly carnauba) and 1 per cent. to emulsifying agent, etc. No obvious evidence of soaps or oil was obtained; nor did the examination suggest gum acacia. The emulsion may perchance result from the interaction of the borax with a little resin.

## Legal Queries

*A. T. L. (27/7)* joined the staff of a chemist in April 1913. His employer wished him to take his holiday in June last, but as it was a busy time the holiday was, at "A. T. L.'s" suggestion, postponed until September. Now he has given notice of his intention to leave. Is he entitled to any payment in lieu of the holiday? [Except under the terms of a special contract or, in certain circumstances, under the Shops Acts, an employee has no legal right to a holiday. That being so, it would seem that "A. T. L." has no right to any compensation in respect of the holiday that he will miss by leaving his present employment sooner than he intended.]

*E. C. R. (14/7)* had been in the employ of a chemist as an unqualified assistant for about twelve months when the latter died. The executors have now engaged a qualified man. Is "E. C. R." entitled to a month's notice and wages in lieu of holiday? [The death of the chemist terminated the contract of service, but there may have been a fresh contract, expressed or implied, with the executors. In the latter event, "E. C. R." is entitled to a "reasonable" period of notice of dismissal, and the Court would probably hold that he is entitled to a month's notice. But he has no right to wages in lieu of holidays in the absence of an agreement to that effect.]

*Carboy (14/7)* served a three years' apprenticeship about forty years ago. The indentures have been destroyed in a fire and the chemist to whom he was apprenticed, and also the chemist's wife, are dead. How can he obtain a copy of the indentures to prove that he served a regular apprenticeship? [Unless the solicitor who acted for the deceased chemist, or someone else has a copy or draft of the indentures it would seem to be impossible for "Carboy" to get a copy of it. In any case, if he finds it necessary to prove his apprenticeship the only course would be to get someone who is in a position to do so to make a statutory declaration that he duly served for three years as an apprentice.]

*O. R. (25/9)* holds business premises under a lease which will expire at Christmas. He has given notice under the Landlord and Tenant Act claiming a new lease. The landlord offers to renew the lease for a further four years, at a rent much in excess of what is payable under the present lease. Is this in conformity with the Act? Would it be advisable for "O. R." to reject these terms and offer to buy the property after having had it valued? [The Act does not provide that a new lease shall be for any particular period or at any particular rent. We consider, however, that the period of the fresh tenancy should be at least seven years. If the parties are unable to agree upon the terms of the new lease, the matter must be settled by the County Court. In the absence of fuller knowledge of the circumstances, we cannot advise "O. R." as to the purchase of the property. He should consult a solicitor.]

## Retrospect of Fifty Years Ago

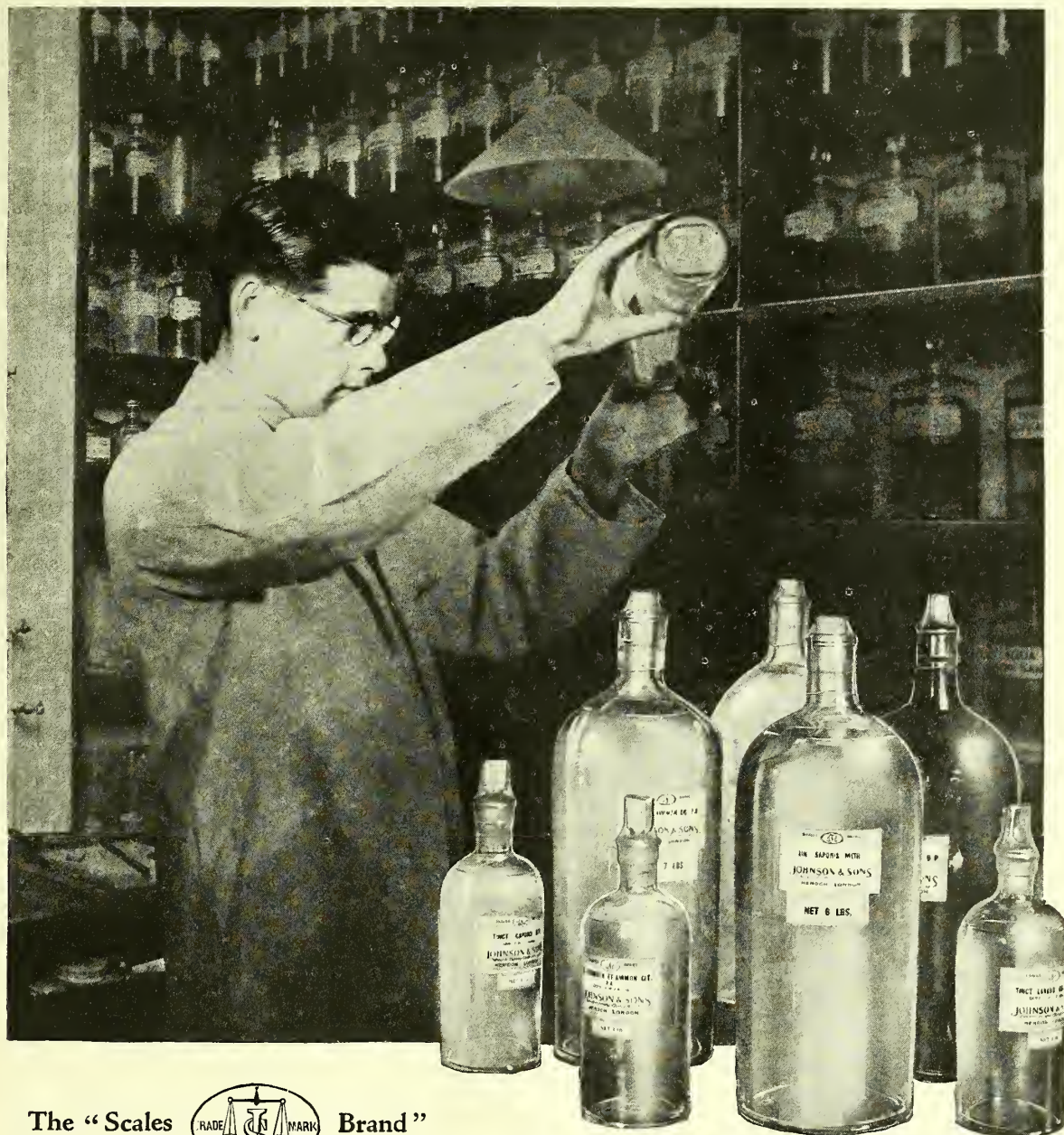
Reprinted from

"The Chemist and Druggist," December 15, 1884

### Dancing as an Innovation

The Chemists' Assistants' Association held a *conversazione* at St. James's Hall [London, W.1] on November 19. A large number of the members and their friends attended, more than 300 ladies and gentlemen making up the company. Among the guests were several well-known pharmacists. There was an excellent collection of objects of scientific interest, and a brilliantly performed programme of vocal and instrumental music. . . . At 11.15 a new feature, dancing, was introduced, and kept up with much spirit till 2 a.m. The quadrille band, we are informed, "gave great satisfaction, and the floor was in surprisingly good condition."

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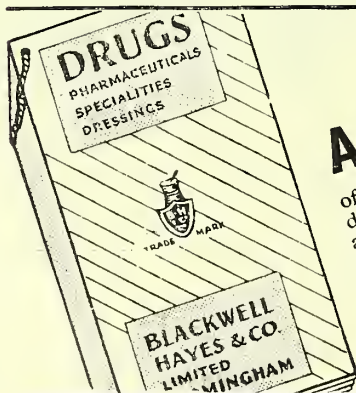
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Tr. Chlorof. et Morph. Co.  
'85.  
Tr. Hyoscyami.  
Tr. Ipecac.  
Tr. Nucis Vom.  
Tr. Opii Camph.  
Tr. Rhei Co.  
Tr. Scillæ.  
Tr. Valer. Ammon.  
Ung. Acid. Boric.  
Ung. Hydrarg. Ammon.  
Ung. Methyl. Sal.  
Ung. Zinci.

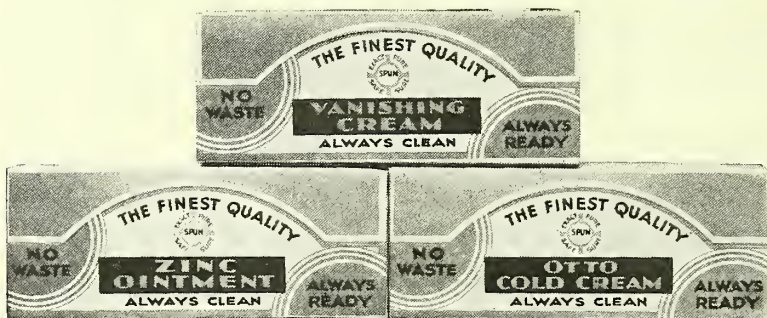
## WRITE NOW!

For particulars of this offer:

**BROOK PARKER & Co., LTD.**  
Manufacturing Chemists  
ASHFIELD, HORTON ROAD,  
BRADFORD

# SPUN OINTMENTS

New Line in Handsome Tubes



Small 18/- per gross  
3 doz. in outer.

Large 30/- per gross  
1 doz. in outer.

*Hygienic and always ready for use.*

## NEW LINE IN PERFUMES

6 GLASS BARRELS IN  
ATTRACTIVE SHOW OUTER  
4/- per Dozen Barrels.

## NEW LINE IN ESSENCES

6 GLASS BARRELS IN  
ATTRACTIVE SHOW OUTER  
5/- per Dozen Barrels.

*A Christmas Attraction*

Telephones: HOP 2422  
2423  
2424  
Telegrams:  
"Ushenspuna, London."

# ROBT. BLACKIE

Shen Works,  
Tower Bridge Rd.  
London, S.E.1



TRADE TERMS  
LIST LESS  
33 1/3%

## THE "MILLETT" ATOMISER

We know—old stocks on the shelf—limited demand, and many other arguments against stocking fresh supplies of Atomisers. All true no doubt, but these applied to the old type; highly priced, with obvious disadvantages (awkwardness in use, difficulty of cleaning the container, etc.). But now with the "Millett" it is no longer true. Reasonably priced, it readily commends itself to the Medical Profession and public alike. Why not stock the Atomiser you can sell?

Model "N" (as illustrated) is specially designed for treatment of the nose and throat.

Model "U" is for more general and nasal use, and generously priced at 2/6.

Model "G" specially designed for Gynecological treatment at 7/6.

*Atomisers*  
LIMITED

17/18 GT. PULTENEY ST., LONDON, W.1

Telephone: GERRARD 1054

Sole Agents:—MIDLANDS: Southall Bros. & Barclay, Ltd. SOUTH WALES: I. Roland James, Ltd. SCOTLAND: Munro, McLaren & Sutherland. STOCKISTS: Barclay & Sons, Ltd. Brooks & Warburton, Ltd. Butler & Crispe, May, Roberts & Co., Ltd. Sangers Ltd. Sole Agents:—AUSTRALIA: F. O. Marrington, 84 Pitt Street, Sydney

PROPRIETORS OF THE MILLETT ATOMISER PATENTS, MAKERS OF FINE SPRAYERS & ATOMISERS

# METHYLATED SPIRITS

The Methyating Co., Ltd.  
Regd. Offices: Kinnaird House,  
Pall Mall East, London, S.W.1.

Telegrams: "Methcolim, Phone, London." Telephone: Whitehall 6964 (2 lines).

*Please ask for our Price List and pamphlet on Methylated Spirits Regulations, etc.; also for our new Booklet "THE NEW WAY TO REMOVE CARBON," which describes a new and simple method of decarbonising Motor Car Engines by the use of Methylated Spirits.*

*Distributing Depots:*

London Birmingham Liverpool Manchester Bristol Glasgow Leith Hull

## MADAGASCAR CLOVES MADAGASCAR ESSENTIAL OILS

**S.I.P.**

Société pour l'Industrie des Parfums  
et des Produits Chimiques,  
14, rue Cardinal Mercier, Paris 9<sup>e</sup>

SHOW AND SELL THE

## "Little Victor"

BRAND

**INHALER**

THE PLEASANT AND RELIABLE  
REMEDY FOR COLDS

FROM ALL WHOLESALERS

**AN OLD-FASHIONED—BUT REALLY EFFECTIVE  
remedy for COUGHS, COLDS, IN-  
FLUENZA and BRONCHIAL troubles**

# Licoricine

ACTS LIKE MAGIC

Prices 10½d., 1s. 3d. and 3s.

**MANDALL & CO. Ltd., 17/23 Stepney Rd., Newcastle-on-Tyne**

### TERMS

10½d. size, 8/6 per doz.  
1/3 " 12/- "  
3/- " 27/- "

Less 5% dis. on £4 orders.  
Carriage paid on orders of  
£2 and over.

... chocolate — until it brings you glorious relief. Then you know!

**TRY 'EX-LAX' TO-NIGHT.**

Join the thousands who have banished constipation easily, gently and naturally, who have conquered constipation with chocolate. Get a 6d. box of 'Ex-Lax' from your chemist to-night. Take it to bed. To-morrow morning you too will know what thorough, painless constipation relief is, for you will have experienced that genuine 'Ex-Lax' bowel movement.

insides. relief—  
grateful mother's find 'Ex-Lax' a splendid anal use for my child. They suffer no inconvenience. Thorough cleansing, and done with ease. Some laxatives run out 'Ex-Lax' is all say it.

Mr. B., Essex.

Make sure you get **EX-LAX** brand Chocolate Laxative. Only 'Ex-Lax' brings 'Ex-Lax' results.

Get 'Ex-Lax' from your chemist

**EX-LAX** BRAND  
CHOCOLATE LAXATIVE

In tins 6d. and 1/3 (3 times the quantity).

## "from your chemist"

Every 'Ex-Lax' advertisement contains a similar message. And as 'Ex-Lax' advertisements appear regularly in prominent positions in National Newspapers with a circulation of nearly nine millions, more and more people are asking for 'Ex-Lax' every day.

Get your full share of the growing 'Ex-Lax' sales. Display 'Ex-Lax' in your window and on your counter. A leading chemist in the Midlands wrote us recently as follows:—

*"... Your window displays have greatly increased our sales, so much so that we have found it necessary to quadruple our previous orders. Our order arrived this morning—we had sold right out."*

R. Evan Parker, Coventry.

Why not obtain a similar increase yourself? Write to-day for window show (large or small supplied) and details of bonus terms.

**EX-LAX LTD., SLOUGH, BUCKS**

Telegrams :  
"Ex-Lax, Slough."

Telephone :  
Slough 327-8

# FERBERS MEDICINAL GELATINE CAPSULES

## BLENOSAN CAPSULES

Santal Oil and Oleo Resin Kava Kava Comp  
No. 169 (Minimum Retail 4/6). 36/- per doz. tins.

## COD-LIVER OIL AND CALCIUM PHOSPHATE CAPSULES

No. 217a. 24 × 10 m. 6/6 per doz.

## ERGOT PREPARED

Dry filled Capsules. N.F.  
No. 252. 24 × 5 gr. 12/- per doz.

## FERBER CAPSULE No. 600

Containing Bland's equal to 2 pills. Arsenical Solution 2 minims.  
Ext. Nucis Vom. ½ grain. Phenolphthalein ½ grain.  
Packed 100 in decorated tins. 31/- per doz. tins.  
Minimum Retail 5/- per tin.

## FERBER CAPSULE No. 290A

### HALIBUT LIVER OIL

Made from standardised oil guaranteed for both potency and stability in Vitamins A and D.  
Each Capsule is of equal value to three teaspoonfuls of finest Cod Liver Oil.

Tins each 24 Capsules. 9/- per doz. tins.

## FERBER CAPSULE No. 292

### HALIBUT LIVER OIL AND CALCIUM PHOSPHATE

Each containing

### HALIBUT LIVER OIL 2½ Minims CALCIUM PHOSPHATE 2 Grains

Equivalent in Vitamin A to one tablespoonful of the finest Cod Liver Oil, with adequate Vitamin D.  
For the treatment of Chilblains and circulatory deficiency.  
Boxes each 24 Capsules. 9/- per doz. boxes

## FERBER CAPSULE No. 293

### HALIBUT LIVER OIL WITH VIOSTEROL 250D

Standardised to a Vitamin A potency 60 times that of the finest Cod Liver Oil with the addition of Viosterol to increase the Vitamin D content to 250D.  
Each Capsule equal to three teaspoonfuls of Cod Liver Oil in Vitamin A.

E.P. 236197. Tins each 25 Capsules. 24/- per doz.

## SANTAL OIL CAPSULES

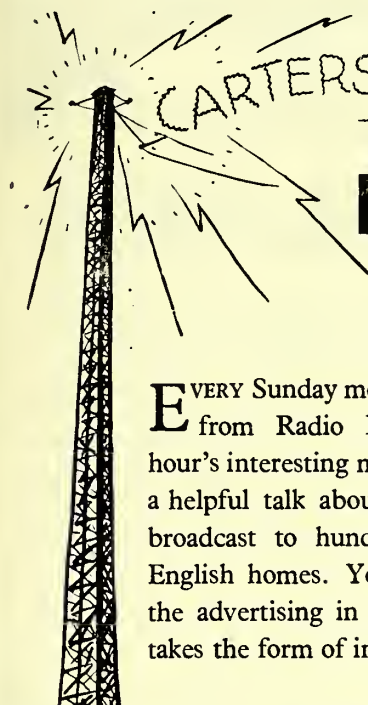
No. 393. Tins, each 24 × 10 drops. 18/6 per doz.  
No. 392. Tins, each 24 × 10 minims. 22/- per doz.

## SPECIAL CAPSULES FOR LADIES

Packed in Decorated Tins, in Attractive Show Outers.  
No. 109. Apiol, Aloes and Iron. 9/- per doz. tins  
Etc., Etc.

Sole Manufacturers :

**ROBERT FERBER LTD.**  
Carlton Works, Asylum Road  
LONDON, S.E.15



**CARTERS LITTLE LIVER PILLS**

# EVERY SUNDAY MORNING . . .

**E**VERY Sunday morning at eleven o'clock from Radio Luxemburg — a half-hour's interesting musical programme, and a helpful talk about Carters Pills, will be broadcast to hundreds of thousands of English homes. Your customers will like the advertising in these programmes. It takes the form of intimate human sketches

— the kind of thing that people can't help listening to.

**NOW BIGGER SALES THAN EVER**  
Sales of Carters Little Liver Pills are going ahead every week — now they will go up faster than ever. Listen-in on Sunday morning at 11 o'clock. RADIO LUXEMBURG, wavelength 1304 metres.

*Every Sunday morning at 11 o'clock. Listen-in, and tell your customers*

 **CARTERS** *Brand* **Little Liver Pills**

## PETROLEUM JELLIES

WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

## WHITE & COLOURED OILS

YELLOW, GREEN, RED FOR BRILLIANTINE, etc.

## LIQUID PARAFFIN

COLOURLESS, TASTELESS, ODOURLESS.  
ALL SPECIFIC GRAVITIES.

B.P. AND TECHNICAL QUALITIES

*Wholesale Trade only.*

## STERNS LTD.

16 FINSBURY SQ., LONDON, E.C.2, ENGLAND

Telephone: NATIONAL 7644 (7 lines)  
Telegrams: "CENTUMVIR, PHONE, LONDON."



# Stock the pastille with the name!



Grips have a name to be proud of. Over 30 years of steady spade work has established them in public favour everywhere. Their purity and efficacy are known far and wide, and chemists know them to be a "safe line" with ready sales. Ask for samples and terms. National advertising supports sales.

Agents to the Wholesale & Retail Chemists' Trade  
THOS. CHRISTY & CO., 4-12 Old Swan Lane, LONDON, E.C.4

# 'GRIPS'

## FIRST-AID PASTILLES

Made by Lightbourns Ltd., Accrington



## Tonic Tablets for Winter Profits

SUPER TONIC TABLETS

# IRON-OX

BRAND

Now is the season when more and more people suffer from depressed vitality. If customers need a tonic you can confidently recommend Iron-Ox Tablets — an old established favourite. In new display outer, Iron-Ox Tablets readily sell themselves. A national advertising campaign will be in progress throughout the winter months. The demand will be brisker than ever. Make sure your stocks are adequate to meet it.

Full particulars and details of generous bonus trade terms on request.

PHARMACAL LABORATORIES LTD.

64 HATTON GARDEN,  
LONDON, E.C.1

# WARNING

There are many types of Halibut Oil Confections now on the market. It behoves the pharmacist to exercise care in purchasing these.

Paramount Halicubes are toothsome sweets each having a definite Halibut Oil content, namely 1 minim of Crookes Halibut Oil. Being prepared in *vacuo* the vitamin content is assured.

This pleasant method eliminates the necessity of small-quantity dosage by parents. This is the only sweet of its kind having a definite dosage.

The medical profession has welcomed the idea, and regularly prescribes them. Medical recommendations mean substantial sales for you.

We will gladly undertake medical propaganda in your district and send you samples and prices on request.

# HALICUBES

are worth investigating

Literature and showcards are available. Ask us for full particulars and our new catalogue containing details of our profit bringing propositions, and the chemists-only confections that sell.

Write now to

PARAMOUNT PRODUCTS Ltd., Britannia House,  
BRADFORD

# A BIG EVENT FOR CHEMISTS— BONUS ON 'ASPRO' 5's

'ASPRO' progress continues. Again during the past financial year all sales records have been broken. In no small measure this is due to the support and co-operation given to our publicity by chemists who have made continuous and practical use of our window displays and sales aids. Economic considerations have, in the past, prevented us from giving a bonus on 'ASPRO' 5's. Increased sales, however, have considerably reduced our overheads so we are now happily in a position to satisfy the repeated requests of our chemist friends for a bonus on the Unstamped 'ASPRO' 3d. size. We therefore announce that

**A BONUS OF HALF A DOZEN PACKETS OF  
5's ON EACH HALF-GROSS ORDER IS NOW  
GIVEN ON THE SAME TERMS AS OTHER SIZES.**

This makes the chemists' profit on 5's the same as on 10's. Order your 'ASPRO' now and take advantage of this valuable concession.

Write us for a window display, too, and show it continuously. It will connect you up with our record-breaking advertising campaign and bring customers into your shop just as though you had paid for the advertisements yourself.

## HERE IS OUR CURRENT DISPLAY

**Show it  
Continuously**

**Printed in  
full colours**



**Agents:**  
**GOLLIN & CO. PTY. LTD.**  
(‘Aspro’ Dept.), SLOUGH, Bucks.  
Telephone : SLOUGH 608

*ASPRO consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.*

**Made by ASPRO LTD., Slough, ENGLAND**

*No proprietary right is claimed in the method of manufacture or the formula.*

**ASPRO**  
REGISTERED TRADE MARK

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# E.S.T.P. (MARTINDALE)

is now being widely  
prescribed for

**ECZEMA AND OTHER SKIN AFFECTIONS**

*It is obtainable only from*

**W. MARTINDALE**

*in the following sales packages :*

2 ozs. 2/6 - 4 ozs. 4/6 - 8 ozs. 7/6

---

**W. MARTINDALE, Chemist, 12 NEW CAVENDISH STREET, W.1**

---

---

*Introducing*

**SUNAX PASTILLES**  
A  
SUNSWEETS' PRODUCT  
REGD.

**Sun acts for good health—SUNAX for throat and chest relief**

To  
retail at  
**3½<sup>D</sup>** per oz.  
or **2 ozs. 6<sup>D</sup>**  
GIVING A  
PROFIT OF  
**40%**

## TWO MONTHS' TRIAL OFFER

Are you already stocking "Sunax" Pastilles? If not send us a postcard stating requirements and we will send "Sunax" Pastilles to you on "Sale or Return" basis. If not sold in specified time return to us and we will give you credit. "Sunax" Pastilles are packed in 2 lb. White Flint Jars.

Display in your Window or on your Counter and prove how "Sunax" sells.

The public are wanting "Sunax" Pastilles in your district.

Write for Samples—

**SUNSWEETS LTD., PETERBOROUGH.** Makers of Chemists' Quality Confectionery.

---

**IMPORTANT BUSINESS CHANGE**

---

The business conducted by

**WYNTER BROS. & CO. LTD.**

*Manufacturing Chemists*

for the past 75 years is now carried on by

**AMOVON LTD.**

*Manufacturing Chemists and Perfumers*

**Southfield Lane, BRADFORD**

---

**ENTIRELY NEW DIRECTORATE — ALL BRITISH**

---

The products of the late Company have always been of the highest standard of Quality and Dependability.

An enthusiastic public have shown their appreciation, no less than 20,000 unsolicited testimonials having been received.

Our model Factory is equipped with the very latest and best plant and machinery, and we are in a position to supply promptly.

Our best thanks to the many thousand customers who have so courteously received our representatives.

**PRICES AND FULL DETAILS OF OUR  
PRODUCTS GLADLY SENT ON REQUEST**



## VITAMINS A and D IN THE RIGHT PROPORTION

Scientific investigations have shown that the human body requires a minimum supply of vitamins which must not only be quantitatively adequate but which should be administered in the right proportion.

Scientists concur in the opinion that Norwegian Medicinal Cod Liver Oil contains vitamins A and D in necessary quantities and in the right proportion i.e. 500 vitamins A and at least 200 vitamins D per gram.

It is also an established fact that vitamins from a natural source, as afforded by Norwegian Medicinal Cod Liver Oil, are more beneficial in their effects than the synthetic product.

## NORWEGIAN COD LIVER OIL

WORLD-FAMOUS FOR ITS HIGH QUALITY

# DeVilbiss

## NOSE & THROAT

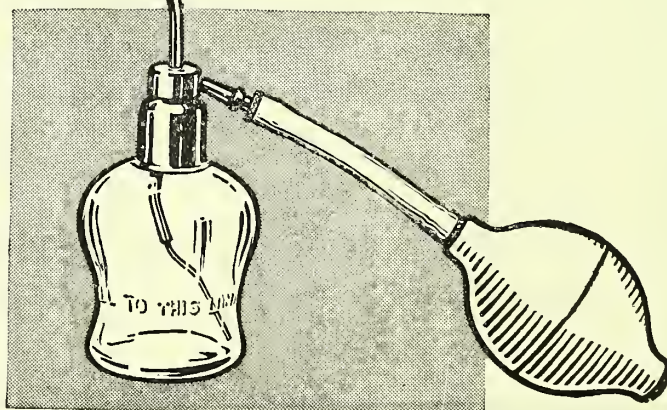
## No. 29 SPRAY

The well-known Atlas Continuous Spray No. 29 is suitable for spraying either oil or water solutions. The new fluted nasal guard is permanently fixed and is used as a tongue depressor when the throat is being sprayed.

PRICE 40/- per dozen

**AEROGRAPH CO. LTD.**

43 HOLBORN VIADUCT  
LONDON, E.C.1



# ***NOW—this steadily selling long popular line is to be ADVERTISED!***

**A** STEP that is bound to pay chemists well, this! What product could be expected to respond better to advertising than one that, like Brand's Essence, has for three generations enjoyed wide popularity *without* advertising?

Among millions of the older generation "Brand's" is a household word. This advertising will remind the older generation of the merits of Brand's Essence. And it will make Brand's Essence as familiar to those of the younger generation as to their fathers and grandfathers.

Every chemist experiences a certain steady demand for Brand's Essence. In the coming twelve months that demand will expand substantially. It will be worth your while to link up closely with the advertising by keeping your stocks of Brand's well displayed, especially during these autumn and winter months now upon us when illness is so common.

*Starting immediately*

## **BRAND'S ESSENCE**

**ADVERTISING in**

**PUNCH, RADIO TIMES, TIMES,**

**DAILY TELEGRAPH, MORNING POST,**

**TATLER, SKETCH, ILLUSTRATED LONDON NEWS,**

**COUNTRY LIFE, SPECTATOR, UNIVERSE,**

**CHURCH TIMES, METHODIST RECORDER.**

**BRITISH WEEKLY,**

**BRITANNIA & EVE,**

**ETC., ETC.**

*offers every chemist  
the certainty of  
increased profits*

"The attack has left her extremely weak, but that will pass... keep on giving her Brand's"



"During those anxious days when some one near and dear is desperately ill... during that endless waiting period when an exhausted patient battles for new strength... then it is that this gentle stimulus of Brand's Essence often means the difference between recovery and collapse."

**In sick  
BRAND'S  
BEEF OR  
CHICKEN  
ESS**



"What's this you've brought the patient — Brand's Essence? ... Oh yes."

By all means... A splendid stimulant in cases of weakness"



"When you want to give something that will be both advised by the patient and approved by the doctor... something to kindle new strength and to prompt the return of that interest so necessary for recovery... you will think first of Brand's Essence."

**In sickness give**

**BRAND'S**

**BEEF OR  
CHICKEN**

**ESSENCE**

*Brand's revives strength*



**BRAND & CO. LTD., MAYFAIR WORKS, VAUXHALL, LONDON, S.W.8**

# Give 'em Jocks!



Door opens—customer enters—irritating cough—sore chest—wants relief—something cheap—here you are sir—tin of Jocks—never fail—only three-pence—quick results—quick sale—ting a ling.

# JOCKS

## STOP THAT TICKLING

Definitely a line which sells quickly. Retail 3d. a tin. Priced 2/3 per doz. tins in attractive display outer. Ask for Sample.

HIRST, BROOKE & HIRST LTD., MFG CHEMISTS, SHEEPSCAR WORKS, LEEDS

INSTITUTE OF HYGIENE  
INCORPORATED BY  
ROYAL CHARTER



DORSELLA "MILK FOOD"

## ENGLISH DRIED MILK

*Enquiries are solicited for the following:*

FULL CREAM "DORSELLA" DRIED MILK

HALF CREAM

SEPARATED "PARAGON"

CASUMEN, SOLUBLE MILK PROTEID

SWEETWHEY, CRYSTALS or POWDER

KENCREAM FOR PUPPIES

UNITA (Dorsella and Casumen)

DRIED BUTTERMILK

Supplied in Bulk, Tins or Cartons

*Quotations and samples gladly sent on request.*

**PRIDEAUX'S, LTD.,**  
**MOTCOMBE, SHAFTESBURY, DORSET**  
*Telephone : Shaftesbury 4*

## AT LAST!

### THE WINE GROWERS' ASSOCIATION

(Proprietor, E. S. LACEY, Established 1870) of

**26 GREAT PORTLAND STREET, LONDON, W.,**

Have pleasure in announcing to the members of the Pharmaceutical profession, holding licences for wines, that they now market

**LACEY'S ORIGINAL CHEMISTS' INVALID PORT, full strength Oporto Wine, guaranteed.**

For many years Chemists with full wine or Medicated wine licences, have sold wines of all descriptions, retailed also by Grocers, Off Licences, Wine Merchants, Tied Houses, Publicans, etc., so the proprietor of this brand asks the kind assistance of the Pharmaceutical profession to help in creating a demand for this fine wine for mutual benefit and permanent advantage.

This brand is a **REALLY SUPERB WINE**, pure, and most beneficial to public health, as befitting the Chemist's business, being distinct and entirely **FREE FROM SYNTHETICALLY MADE-UP CONCOCTIONS.**

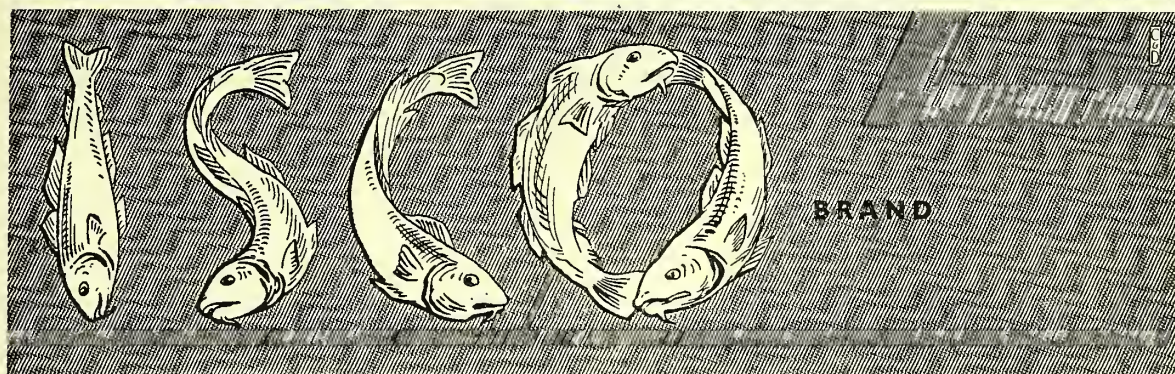
The sale of this brand is entirely **RESTRICTED TO THE CHEMISTS' TRADE.**

#### PRICE

60/- Nett per Dozen Bottles (6 to the gallon) retail, 6/6 per Bottle.

32/- nett per Dozen Half-Bottles (12 to gallon), retail 3/6 per Half-Bottle.

With first orders for one dozen bottles, or equivalent to one dozen bottles, a large extra bottle will be enclosed, **FREE**, for sampling purposes.



**FINEST NON-FREEZING MEDICINAL COD LIVER OIL**

SELECTED AND SPECIALLY GRADED—HIGH VITAMIN TEST

*Buy British*

**BIOLOGICALLY TESTED**

*Samples and quotations on request*

**Isaac Spencer & Co. (ABERDEEN) Ltd.**

ALBERT QUAY, ABERDEEN, SCOTLAND

# MASON'S EXTRACT OF HERBS

May we have the pleasure of  
sending you particulars of our  
Window Display Scheme?



**NEWBALL & MASON**  
LIMITED  
NOTTINGHAM

# INVALID CADIZ SHERRY

IN BULK AND BOTTLE

Full duty, shipped expressly from our Spanish  
House for Chemists' use by

**LAMB & WATT, Limited**

*Established 1847*

**46/48 St. Anne Street  
LIVERPOOL**

*who also specially manufacture*

ORANGE WINE,  
"WIN FERRO" TONIC BLOOD WINE,  
"CROWN" Brand LIEBIG'S MEAT AND  
MALT WINE, VIN FERRI CIT.,  
"BROADWAY" ORANGE—"ORCHARD"  
CHERRY — "JEANETTE" MARTINI  
COCKTAILS.

Green Ginger, Raisin, Cowslip, Spiced Elderberry, etc.,  
made only from the fresh fruit. Purity fully guaranteed.  
Highest Awards at all Exhibitions where shown.

Full Strength AUSTRALIAN RED,  
TAWNY AND WHITE WINES,  
AUSTRALIAN SHERRY and  
every kind of foreign wine.

DUMAS ★★★ BRANDY—DOURADOS PORTS

WRITE FOR PRICES AND SAMPLES



To Retail  
at **9d.**  
PER BOTTLE

# A novel bottle for the super quality "PENNINE" BRAND GINGER WINE ESSENCE

T.R.2

No other Ginger Wine Essence is so economical and satisfying as Pennine Brand. It makes repeat custom inevitable, for not only the excellence of the contents, but the dimpled bottle itself is an attraction. It has the appearance of quality, just as the essence possesses the full flavour and the tang of quality.

The 3oz. bottle is the basis of 6 pints of full-strength Ginger Wine at a cost of less than 3d. per pint.

Trade Price : 5/- per dozen

Showcard available.

## THORNTON AND ROSS LTD

Manufacturing Chemists, MILNSBRIDGE, HUDDERSFIELD

FINEST QUALITY  
CRUDE

# IODINE

GUARANTEED  
NOT LESS THAN  
99%

EVERY CHEMICAL & INDUSTRIAL USER SHOULD  
APPLY for CURRENT PRICES & CONDITIONS to

## ANTONY GIBBS & SONS

22 BISHOPSGATE, LONDON, E.C.2

representing

CORPORACIÓN de VENTAS de SALITRE y YODO de CHILE

Successors to

ASOCIACION de PRODUCTORES de YODO de CHILE

Are you stocking

# YESTAMIN?

Dried Yeast in its most valuable and most convenient form—powder and tablets. Generous terms and good discounts. Write today to :

THE ENGLISH GRAINS Co. Ltd., Shobnall Road, Burton-on-Trent

A DELIGHTFUL NEW NUTRITIOUS STIMULANT  
—a pleasant combination of milk, eggs, and really good wine. A perfect tonic with an alluring taste. This is a pratable line most attractively packed.

## 'VINTEGG' THE ORIGINAL EGG WINE

Ask for descriptive literature and special terms.

JOSEPH HOBSON & SON, Ltd., Regent St., Leeds 2

# SAPO MOLLIS VIRID B.P.

FOR PHARMACY & TOILET USE

We are in a specially favourable position to quote. Prices and Samples sent on application. Please state quantity required. Wholesale only.

BLEASDALE Ltd. MANUFACTURING CHEMISTS YORK

# HALMAGON

BRAND

World-wide Registered Trade Mark

TABLETS

# CORKS

*for Chemists.*

Send us your Enquiries  
and compare our prices.  
*Wholesale and Export.*

**C. OLLEY & SONS, Ltd.**

Established 1844

Camperdown St. and Gt. Alie St., London, E.1  
Tel. No.: Royal 2868. Tel. Ad.: "Circumference, Ald. London."

METALLIC CAPSULES  
FOR ALL KINDS OF BOTTLES AND JARS

The Tonkin Metallic Capsule Co.

Proprietors: C. Olley & Sons, Ltd.

## STONEWARE IS SAFE

WE SHALL BE PLEASED TO  
QUOTE FOR ALL CLASSES  
OF CONTAINERS IN WHITE  
OR ORDINARY STONEWARE  
FROM HALF OZ. TO 6 GALL. IN  
GUARANTEED LEADLESS GLAZE.

—SEND FOR PARTICULARS ETC. TO—

**PEARSON & Co (CHESTERFIELD) LTD.**

THE POTTERIES : WHITTINGTON MOOR : CHESTERFIELD  
LONDON OFFICE : 31 ELY PLACE : HOLBORN CIRCUS E.C.1

NOW BRITISH MADE

**WAGNER'S DRY BOTTLE CAPS**  
BEST IN QUALITY & APPEARANCE



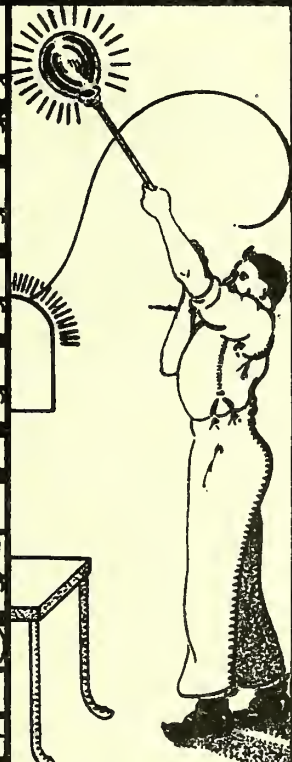
**R. V. WAGNER**

33 BROOKE ST., LONDON, E.C.1 Tel. Holborn 5090

# PHARMACEUTICAL

# W HIGHEST

DISPENSING  
BOTTLES  
CHEMISTS  
ROUND  
FEEDING  
BOTTLES  
TOXIC  
BOTTLES  
EYEBATHS  
SPRINKLER  
BOTTLES  
OPAL AND  
FROSTED  
GLASSWARE



# QUALITY GLASSWARE

K. GRAHAM

DESIGNERS & MANUFACTURERS  
OF GLASSWARE FOR PERFUMES  
COSMETICS AND BATH SALTS

**WOOD BROS. GLASS CO.  
LIMITED**

(ESTABLISHED 1820)

**BARNSELY . . . ENGLAND**



# VISKAPS

The ORIGINAL VISCOSE BOTTLE CAPSULES ensure security, hygiene and an attractive finish to every bottle. VISKAPS seal and mould themselves to the contour of almost any bottle and stopper. Supplied in Wet or Dry form.

VISKAPS can be printed with lettering or design in fast ink. VISKAPS can be dyed to suit any colour scheme.

VISKRINGS are similar to VISKAPS except that they leave the top of the closure open, thereby allowing any printing or device to be seen.

THE VISCOSE DEVELOPMENT CO., LTD., BROMLEY, Kent.  
Manufacturers of the famous VISKAPS for over 30 years.

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WELL CUT AND  
SMARTLY TAILORED.



JACKETS (as illus.) Fine White Drill, 4/6, 5/11, 7/11. Khaki, 7/6. Grey, 6/11, 8/6. Black Poplin, 12/6.

LONG COATS. White or Khaki Drill, 5/11, 7/6, 8/6, 11/6, 14/6. Grey, 7/6, 9/6, 11/6. Black Poplin, 14/6.

LADIES' COATS. High Grade. Inset or Raglan Sleeves. Belted. Fine White Drill, 8/11, 10/6, 12/6. Khaki, 8/11, 9/11. Also "Cross-over" style, with belt, White, 5/11, 7/11, 10/6. Khaki, 8/11.

Any Colour or Design made to order.

Patterns and illustrated price list on application.

Special attention to post orders. State chest measure and height. Orders for 20/- post free. Cash refunded if not approved.

**GARDINER & CO. (THE SCOTCH HOUSE) LTD.**

General Outfitting Stores,

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Phone: Bishopsgate 6751.

Branches throughout London.

## THE TOWN TALK

Five lines that the housewife regularly buys because of their unequalled excellence

Ten million people every month buy the newspapers and women's journals containing "Town Talk" Advertisements which tell readers the superlative qualities of "Town Talk," also that it is sold by Chemists.

That is why stockists do not have to sell "Town Talk"—they are asked for it.

Order the "Town Talk" 5 quick-selling repeat-order lines. They give a generous profit.

Additional "TOWN TALK" Sales Helps supplied free on request. Showcards, Window Displays, Samples, Leaflets, Cinema Slides, Blocks for own advertising.

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You do not have to sell 'TOWN TALK.' Women BUY it.

ORDER DIRECT OR FROM:

James Woolley Sons & Co., Ltd., Manchester  
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# SHERLEY'S

THE NAME THAT  
Stands For  
SALES

The name of Sherley's stands pre-eminent for Canine Medicines of purity, safety and efficacy. Sherley's ensure satisfaction for your customers and a handsome profit for you. Keep a good stock of this popular range, comprising

**Tonic and Condition Powders, Worm Capsules and Powders, Canker Lotion and Powder, Skincure—Insect Powder, Cough Tablets—Fit Tablets, etc., and the following Foods: Lactol and Lactol Biscuits**

They are extensively advertised in the National and Canine Press and their big sale enables you to take advantage of the special extra discounts for £2 parcels and window display. A postcard brings full particulars.

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## SHERLEY'S DOG MEDICINES

### BATTLE'S VERMIN KILLER

Of all Patent Medicine Houses at 3/-, 5/- and 9/- per dozen.

In packets at 5d., 9d. and 1/3 each.  
(P.A.T.A.)

The *sure* destructive agent which may be confidently recommended by Chemists for quick clearance of rats and mice.  
(Users' testimonials on request.)

Prepared only by  
J. C. M. BATTLE, Ph.C., LINCOLN

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THE MOST COMPETITIVE MANUFACTURERS IN  
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**MUNDET CORK PRODUCTS, LTD.**  
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Telephone: HOP 2043-4-5

If it's RATS  
they're after



it's **RODINE**  
they'll buy

Rodine Advertising tells the public how to get rid of Rats and Mice. Can you supply the customers it brings to your counters? Big profits are being made out of Rodine. It has a big sale among farmers, factories, warehouses, stores and private dwellings.

Write for terms to-day.

Retails in Tins 7½d. & 1/3

Sole Makers: **THOMAS HARLEY LTD.**  
Manufacturing Chemists, Rodine Works, Perth, Scotland

**NEVER FAILS TO KILL RATS & MICE**



# A HANDFUL OF DAILY SELLERS

**BEECHAM'S PILLS**  
**BEECHAMS<sup>BRAND</sup> POWDERS**  
**BEECHAMS<sup>BRAND</sup> LUNG SYRUP**  
**LACTOPEPTINE<sup>BRAND</sup>**

You as a progressive chemist must realise that under modern competitive conditions it is essential that your business should function busily for 300 days of the year, and consequently you must stock and push those goods which sell on each and every one of those 300 days—You must concentrate on the DAILY SELLERS. That is the only basis for really profitable business. Now the Beecham Products are looked upon as being the best DAILY SELLERS in the TRADE. There are no losses on them. All damaged stock is replaced free. They are protected under the regulations of the P.A.T.A., yield fair profits, and are by far the best paying proposition to handle. As we regard everybody as a potential customer for one or more of our lines, keep the Beecham Products before the public and increase your Daily profits.



**STOCK MORE—  
SHOW MORE—  
SELL MORE—**

**BEECHAM  
PRODUCTS**

The 'Beecham Seal' is a symbol of purity, safety, efficacy. It emphasises the superiority of the BEECHAM PRODUCTS.



**BEECHAMS PILLS LTD.**  
**ST. HELENS, LANCs.**



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We shall be pleased to send you samples, and to quote you highly competitive prices upon receipt of your enquiry.

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There is no need either on price or quality to buy anything but British-made Phenacetin.

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VICTORIA STATION HOUSE, VICTORIA STREET,  
LONDON, S.W.1

Works: RUABON and SUNDERLAND

Telephone: VICTORIA 1535

**YOUR COUGH SWEET  
FOR THE  
COMING WINTER SEASON**

# ALL FOURS CUBES

which CANNOT be sold by Grocers, Sweet Shops, etc. They should be to the fore in your PHARMACY as their sale is restricted to those who possess the "Known, Admitted and Approved" remedies exemption.

"All Fours" is an inexpensive cough sweet sold in bulk together with attractive two-colour envelopes for packing.

## FREE DISPLAY JAR

is available with all orders of 14 lb. and over, and a plentiful supply of show material is available.

Feature this quick-selling cough sweet this year, and build up big sales as others have done.

7 lbs.	@	1/4	per lb.
14 "	"	1/3	"
28 "	"	1/2	"
56 "	"	1/1	"
112 "	"	1/-	"

RETAIL **2<sup>D</sup>** PER OZ.

Note the large 6d. tin available packed in half-dozen Outers 3/9 per dozen tins.



# ARTHUR H. COX & CO.

Manufacturing Chemists **Brighton** LTD.

# The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C. 2

DECEMBER 1, 1934

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**THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2**  
Telephone: Central 6565 (8 lines). Telegrams: "Chemicus, Estrand, London."

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not later than

**FIRST POST THURSDAY MORNING**

All advertisements intended for  
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## ORRIDGE & CO. 56 LUDGATE HILL, E.C.4

ESTABLISHED 1846

Telephone Nos.: CITY 2283 & 7477

May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—FINCHLEY (Death Vacancy).—Family Retail and Dispensing Business; established 50 years; returns about £1,550 per annum with net profit between £350 and £400; main road position; house with 5 bedrooms, garden; rent £100; held on lease; price £650.

2.—CITY Pharmacy in Busy Central Position; returns at present about £45 a week, scope for considerable increase; long lease; price about £650, which roughly represents the value of stock and fixtures; must be sold.

3.—LEWISHAM.—Cash Drug Store in S.E. London for immediate disposal; returns about £16 weekly, increasing; rent £70, sublet £46; 12 years' lease; price £320.

4.—NORTH LONDON.—Old-established Business with Parel; returns 1934, £1,475, scope for increase; double-fronted shop in main road; net rent £34 per annum; 12 years' lease; price for quick sale £500.

5.—SURREY.—General Retail Business in working-class district; established many years; returns average £1,200 per annum; N.H.I. 400 per month; new lease; net rent about £35 per annum; stock worth £350; price £400 plus stock.

6.—N.W. LONDON (Good Class Suburb).—Old-established Business; returns exceed £2,000 per annum; good house; rent £150; Vendor contemplates retirement.

7.—CLERKENWELL.—Neglected Business; old-established; present returns £16 weekly; double-fronted shop in main road; rent £75; stock worth about £250; price £300.

8.—LONDON, W.—General Retail Business; established many years; returns 1933, £2,050; gross profit 40 per cent.; stock and fixtures worth about £900; 14 years' lease; price £1,275 or valuation terms entertained.

9.—WIMBLEDON.—Good-class Dispensing and General Retail Business; returns about £1,600 per annum; large shop with flat over; main road position; stock and fixtures worth about £700; open to offers.

10.—WESTMINSTER (Near).—Old-established Business; returns 1933, £2,295; gross profit £945; chartered accountant's figures; net profit to owner-manager about £600 per annum; price about £1,600 or valuation terms entertained.

11.—S.W. COAST.—Good Middle-class Business with Optical connection; returns 1933, £2,355; large shop in central position; net rent £78; long lease; stock and fixtures worth £1,170; price £1,650.

12.—MIDLAND CITY.—Main Road Cash Retail Business for sale owing to ill-health; in same family 40 years; returns £2,050; property can be purchased or leased at reasonable rental; the Vendor is desirous of selling quickly and will meet a purchaser reasonably.

13.—EAST COAST.—Good-class Business in premier position; established 1895; returns under management approach £2,000; good house; rent £100; stock and fixtures worth over £800; price about £1,250 or valuation terms entertained.

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15.—WINDERMERE (Near).—General Retail Business; returns first year £900; stock and fixtures worth about £550; rent £55; renewable lease; terms valuation of stock and fittings.

16.—BERKSHIRE.—General Retail Business; recently established; returns average £20 weekly, increasing; good prices; double-fronted shop with house attached; stock and fixtures worth about £550; rent £80; held on lease; price about £750 or valuation terms entertained.

17.—SUSSEX.—Middle-class Business; established 60 years; returns average £20 weekly under management; good prices obtained; rent £39 per annum; held on lease; house with three bedrooms and garden; price to be arranged.

18.—WORCESTERSHIRE.—Business and Branch for Disposal; combined returns about £2,500; established over 100 years; held on leases at reasonable rents; living accommodation; stock and fixtures worth about £1,700; price to be arranged.

19.—KENT.—General Retail Business with fair amount of Dispensing; returns 1933, £1,043; net profit £250; rent £50; charming surroundings; price asked £600.

20.—LONDON, S.W.—Middle-class Family Retail Business in residential area; established 27 years; present returns about £25 weekly; scope for increase with personal supervision; good house; new lease at moderate rent; further details to genuine buyers.

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Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

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Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

# Ernest J. George & Co. Bank Chambers, 329 High Holborn, London, W.C.1

Correspondence, mutually confidential, is invited from prospective purchasers of the following businesses at present available for disposal

15 Bridge Street, Walsall

Telephone : Walsall 3774

(Cr) CORNWALL.—Attractive up-to-date pharmacy, situated in main street of popular seaside resort; turnover for last financial year, £2,355; optical connection; net profit approximately £500; accountant's figures available; small flat above at present sub-let; reasonable rental; price £1,650, including stock and fixtures estimated at £1,170.

(C2) GLAMORGAN.—Old-established family and dispensing business, situated in leading business thoroughfare; turnover upwards of £3,000 per annum, with abundant scope for further increase; rent £200; price £1,600, including stock and fixtures estimated at £1,100.

(C3) GLOUCESTERSHIRE.—Progressive up-to-date business with living accommodation, including good garden; present returns upwards of £25 per week, and steadily increasing; rent and rates £52 per annum; price by negotiation.

(C4) DEVON.—Unopposed country pharmacy, situated in main shopping thoroughfare; fitted in modern style; present returns, under management, approximately £1,000 per annum, with excellent scope for increase; reasonable purchase price.

(C5) ESSEX (SEASIDE RESORT).—Attractive main road corner pharmacy (lock-up) with excellent potentialities; present returns upwards of £1,500 per annum; particularly good scope for optics; reasonable rental; price £650 all-at, representing a most attractive offer, due to the fact that an early sale is desired.

(C6) NORFOLK.—Old-established retail business situated in congenial market town; turnover approximately £2,000 per annum; rent £80, including good living accommodation; price about £1,150; special circumstances necessitate an immediate sale, and the offer is an exceptional one.

(C7) STAFFS.—Progressive lock-up pharmacy with excellent prospects under personal proprietorship; turnover for 1933-34 financial year, £1,276; should be well capable of an early £40 per week; rent £45 per annum; no near opposition; price £600 all-at.

(C8) WOOD GREEN (NEAR).—Old-established good-class retail business, situated in prominent shopping thoroughfare; present returns approximately £1,900 per annum, with excellent scope for substantial increase; rent £120, including good living accommodation; owner retiring; price about £1,500, but near offers will be considered; well recommended.

(C9) BRIGHTON.—Established middle-class business with excellent profit earning capacity; turnover for 1933-34, £1,181; lock-up shop; inclusive rental £82; price £650, including stock and fixtures, £550.

(C10) HANTS.—Unopposed pharmacy, with living accommodation, situated near to sea, amid beautiful country surroundings; up-to-date conveniences, including bathroom, main drainage, etc.; turnover approximately £1,250 per annum; net profit £375; price £900.

VALUATIONS FOR ALL PURPOSES AT ECONOMICAL RATES.

## BERDOE & FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

1.—HOME COUNTY (35 miles out).—Good Middle-class Business in popular residential seaside resort; returns over £2,600; scope for increase; splendid position; stock worth over £1,000; price £1,600.

2.—SUSSEX.—Nice-class Dispensing Business, in prominent and improving position; non-season trade; returns over £2,000; good profits; attractive pharmacy; fully stocked; price £1,650 or offer.

3.—SOMERSET.—Light Cash Retail; in popular seaside resort; returns about £950, increasing; net profit £240; net rent £45; 14 years' lease; stock worth £320; good fittings; price for quick sale £400.

4.—LAKE DISTRICT.—High-class Business, in central position; returns about £1,000, at best prices; attractive shop, fully stocked; low rent; valuation accepted, about £450.

5.—BERKS (about 30 miles out).—Good-class Business; pleasantly situated; present returns £1,000, increasing; rent £80; long lease; good house, garage, &c.; attractive pharmacy; well stocked; owner leaving trade; price £750 or near offer.

6.—NORTH MIDLANDS.—Mixed Country Drug Stores; returns £830, including about £100 in Optics; rent £20; lock-up shop; well stocked; scope for increase; price £300.

7.—LONDON (West End).—Old-established Business; entirely under management; present returns over £3,000, scope for increase; corner position; fully stocked; price £1,850 or offer.

8.—NORTH LONDON (few miles out).—Good Middle-class Suburban Business; returns average £2,000 under manager; scope for increase; splendid corner position; low rent; excellent house; well fitted and fully stocked; price £1,500; recommended.

9.—WIMBLEDON.—Well-established Light Cash Retail; no immediate opposition; returns £950; net profit £248; attractive shop with house attached; low rent; price £675 or £150 plus valuation; recommended.

10.—HAMPSTEAD.—Exceptional reasons necessitate sale of Newly-established Business, in prominent position, offering plenty of scope; present returns £19 weekly; long lease, moderate rent; house attached; price only £200 plus stock at valuation, in all about £325.

Lowest Terms for Stocktaking

Estab. 1870,

Telephone: Terminus 3574.

## THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED

(Business Agency, Transfer & Valuation Department)

KIMBERLEY HOUSE, and at EXCHANGE CHAMBERS, Holborn Viaduct, LONDON, E.C.1 2 Bixteth St., LIVERPOOL.

PARKIN S. BOOTH, Valuer. Tels.: CITY 3691 (4 lines).

VALUATIONS. SALES OF BUSINESSES. STOCKTAKINGS.

Enquiries Invited.

## S. F. CLARK, F.N.A.A. 'Phone: Prospect 3366

CHEMISTS' VALUER & TRANSFER AGENT

34 Marksbury Avenue, Richmond, Surrey

Has for exclusive disposal several businesses, and courteously invites correspondence from bona-fide purchasers, who should state exact requirements.

"A personal interest taken in all clients."

## JOHN BRIERLEY, F.N.A.A.

THE RECOGNISED CHEMISTS' VALUER & TRANSFER AGENT

135 Queen Street, Newton Heath, MANCHESTER

"A Business built on Merit."

Satisfied Pharmacists appreciate my service. Efficiency. Privacy. Personal Attention.

"Your Interests are mine." (Tel.: Failsforth 1913)

## C. & D. Stock-Taking Sheets

Halve the Labour of Taking Stock.

Price of Complete Pad, 2/6 post free.

The Chemist & Druggist, Publications Dept., 28 Essex St., London, W.C.2

**BUSINESSES FOR DISPOSAL.**

6s. for 50 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra)

**BRIGHTON.**—Old-established Chemist's Business in excellent main-road position; fine corner shop, first floor offices and six rooms over; recently neglected, but only requires enterprising principal; valuation only, and part can remain; urgent necessity for disposal. Albert Prior & Grainger, Valuers, 23 Ship Street, Brighton.

**DONCASTER.**—Pharmacy run as a Drug Store; Qualified man could greatly increase; established 25 years; very neglected owing to illness; immediate sale; price about £120; premises also for sale. Apply Collitt & Walker, Chemists, Gainsborough.

**HAMPSHIRE.**—Unopposed Country Business; £20 weekly turnover; rent £52, covering good house, garage, kitchen garden and long riverside meadow; electric light throughout; will suit (1) Chemist who will visit surrounding villages in car (open for purchase, with luggage-box and removable name-board on roof) and leave wife in charge for a few hours, or (2) Elderly Chemist wanting quiet business in rural surroundings; stock and fixture valuation, about £750. Apply 230/1, Office of this Paper.

**HOVE** (50 yards seafront).—Corner premises, main road; genuine, sound business, with increasing turnover; lease 11 years; rent and rates £110 per annum; 3 flats over produce £160 per annum; must sell immediately, owner leaving profession; £850, inclusive, or offer. 231/4, Office of this Paper.

**MANCHESTER.**—Lock-up Pharmacy on new estate; rent 10s. week (no lease required); first year turnover £710 (all in), 40 per cent. gross profit; 60 to 70 prescriptions weekly; 200 flats nearly completed close by; good scope for increase; no immediate opposition; ill-health reason for disposal; stock £280; fixtures and fittings £160; price £440. 233/49, Office of this Paper.

**NOTTS.**—Unopposed Business, with Post Office attached; turnover £2,200, with profit £600; excellent living accommodation; property may be purchased; further particulars on application. 231/2, Office of this Paper.

**SOUTH YORKS.**—Busy colliery district, entirely unopposed; good photographic connection; Medicated Wine licence; N.H.I. about £50 monthly; good sales shop and storeroom, with nice house attached; valuation, stock and fixtures, with agreed price for goodwill. 233/44, Office of this Paper.

**BARGAIN OFFER.**—South Coast Chemist; Radio and Gramophone Departments attached; trade £2,480 last year; net profits £500; excellent main-road premises; £500, stock at valuation; fine bargain for enterprising man; investigation welcomed. Coxill & Mitton, 101 Old Christchurch Road, Bournemouth.

**EASILY-WORKED** Country Business (unopposed) will shortly be Offered for Sale; very low rent and long renewable lease; large N.H.I. and fair amount of Private; sale contemplated for private reasons; returns average £27-£28 per week, with net profit about £425; stock and fixtures, £650; about £800 required; full particulars. 231/5, Office of this Paper.

**FOR** Immediate Disposal.—A Smart Old-established Pharmacy in the centre of Doncaster; splendid Photographic trade; fully equipped for extensive D. and P.; terms, valuation, stock, fixtures, &c. Bell & Watson, Estate Agents, Doncaster.

**LIGHT** Retail and Dispensing; Photo and N.H.I.; Dorset border; returns last 5 full years average £1,850; rent £120, rates £39; lease over 15 years to run; established 60 years; fixtures and goodwill £1,050; stock at valuation; extras £40; large house and garden. Chemist, 10 Station Road, Parkstone.

**OLD-ESTABLISHED** Dispensing and Family Business for sale, London; long, valuable lease; good opening for Optics or Dentist; net profits to April 30, 1934, £360; audited accounts; business been neglected; owner has other interests; price £500 for lease, goodwill and fittings; s.a.v.; genuine buyers only. 233/17, Office of this Paper.

**SPLENDID OPPORTUNITY.**—Branch Shop for Sale, Midlands; turnover over £2,000 per annum under manager; good profits; smart shop; high-class trade; price £1,500. 232/3, Office of this Paper.

**WELL-ESTABLISHED** High-class Drug Stores, in London's finest suburb; central main-road position; opposite super cinema; growing district; Kodak Agency; large D. & P.; exceptional opportunity for modern Pharmacist; average sales for last 3 years £1,650 (1933 sales exceeded £1,800); price £975. 213/3, Office of this Paper.

**£550**—BARGAIN.—Chemist's Branch Business for Sale; in busy market town, North Herefordshire; in main street; double-fronted shop, well stocked, and good house; average takings last 3 years £1,000; scope for improvement; cash only; full particulars to genuine buyers. 232/2, Office of this Paper.

**PREMISES TO LET.**

**PURLEY.**—Attractive Lock-up Shop, adjoining reputable Hair-dressers; new parade, near station; good-class district; protected trading; fine oak window, fitted casement, shelves; lights, lino; admirably adapted and offering splendid opening for Family Chemist; non-N.H.I. area; no premium; low rent, commencing £78, inclusive. Apply F. E. Merefield & Co., Old Lodge Lane, Purley. Phone 2856.

**EXCEPTIONAL** Opportunity for a Chemist to acquire premises, with living accommodation over, in new parades, adjoining multiple companies, at Blackheath, East Acton and Northwood Hills. Full particulars from Vickers & Stanley, 47 Berners Street, W.1.

**HIGH-CLASS ESTATE.**—A few Shops in very limited shopping area to Let at £175 to £200 per annum; facing Met. Railway Station at Moor Park; good opening for high-class trader. Apply Estate Office, Moor Park, or Hillier, Parker, May & Rowden, 27 Maddox Street, W.1. Telephone Mayfair 7666.

**PARFUMERIES DE PARIS, LTD.** (in voluntary liquidation) offer the lease of modern premises of over 10,000 sq. ft. until Christmas, 1936, at a rental of £700 per annum and charges; fitted for Toilet business and with all up-to-date conveniences. Larden Road, Acton, W.3. Tel.: Shepherds Bush 2343.

**SHOPS** with Flats above to Let in N.W. district; surrounded by new estates; moderate rentals; excellent prospects. Apply P. H. Edwards, Ltd., 237 Golders Green Road, N.W.11. Speedwell 7301.

**APARTMENTS.****THE HAMPDEN RESIDENTIAL CLUB.**

**FOR GENTLEMEN,** Hampden Street, N.W.1. Close to King's Cross and Euston. 300 Bedrooms. 12s. 6d. to 25s. per week, including baths, attendance and boot cleaning. All meals à la carte in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary. Euston 2244/5.

**SALE BY AUCTION.****5 LITTLE BRITAIN** (close to G.P.O.), E.C.

A large number of practically new SHOWCASES, including many suitable for Store Chemists, will be Sold by Auction by

**B. NORMAN & SON,**

WEDNESDAY NEXT at Twelve O'clock.

Catalogues on Application.

**TENDERS INVITED.**

**KENT COUNTY COUNCIL.  
TO MANUFACTURING AND WHOLESALE  
CHEMISTS.**

**TENDERS** are invited for the Supply of Drugs, Chemicals, Pharmaceutical Preparations, Dressings, &c., for a period of three months commencing on the 1st January, 1935.

Forms of tender and conditions of contract can be obtained on application, accompanied by a stamped and addressed foolscap envelope, to The County Medical Officer, Sessions House, Maidstone.

Sealed tenders, endorsed "Tender for Drugs, &c.," must be forwarded so as to reach the undersigned by not later than 12.0 noon on Monday, the 17 December, 1934.

The County Council does not bind itself to accept the lowest or any Tender.

Sessions House.

Maidstone.

W. L. PLATTS,  
Clerk of the County Council.

28th November, 1934.

## SALE BY TENDER

To Manufacturing Chemists and Confectioners.  
FOR SALE BY TENDER.

**C**OMPLETE Equipment of a Manufacturer of Chemists' Confectionery, including Power and Hand Machinery, Gas Stoves, Electric Motors, Shafting, Boiling Pans, Hot Plates, Benches, Refiner, Sugar Mill, Moulds and a number of valuable Tested Formulae, Stock of Raw and Manufactured Goods, Drugs, Wrapping and Packing Materials. Full particulars and Conditions of Tender from S. Clapp & Sons, Ltd., Estate Agents, High Road, Woodford Green, Essex.

## APPOINTMENTS.

VACANCY FOR DISPENSER, DEPARTMENT OF  
PUBLIC HEALTH AND HOSPITALS.

SOUTHERN RHODESIA GOVERNMENT.

**A**PPPLICATIONS are invited from Fully Qualified Women Chemists holding the Diploma of the British Pharmaceutical Society for appointment as Dispenser at one of the Government Hospitals.

The salary offered is at the rate of £130 per annum, rising by annual increments of £10 to a maximum of £150 per annum, plus an allowance in lieu of board and lodging at the rate of £10 10s. per mensem and a uniform allowance of £18 per annum. Steamship and rail fare and reasonable travelling expenses to Rhodesia will be paid, and the successful applicant will be required to sign an agreement to remain in the Government service for a period of three years. On completion of this period and on a second agreement being entered into for a further period of service, the applicant will be entitled to six months' leave of absence on full pay, together with a free journey to England and back.

Applications, together with copies of recent testimonials and the names of at least two persons to whom reference may be made, should be forwarded to reach the Official Secretary, Office of the High Commissioner for Southern Rhodesia, Crown House, Aldwych, London, W.C.2, not later than December 15, 1934.

## AGENCIES.

**A** UNIQUE opportunity for Travellers already calling on Chemists to introduce a new self-contained and patented invention for home treatment of the complexion and surface ailments; support of medical opinions and numerous unsolicited testimonials; generous commission offered; attractive show material for display purposes. Electrovider Company, Abbey House, Westminster, S.W.1.

**T**O OWNERS OF ADVERTISED PROPRIETARIES.—Joint Selling without Agency Drawbacks.—Inadequate sales effort and control to be remedied upon group Sales and Distributive Company already organised under the direction of widely experienced sales executives; number of lines limited; full national coverage given with live salesmen; sales expense shared; offers greater volume, advice on merchandising and test plans, area reports, central office facilities if required; firms participating represented on combined sales board. Principals interested can obtain further details. Group Selling, 252/145, Office of this Paper.

## APPRENTICES.

**S**TUDENT wants Apprenticeship in Soap Works or other Allied Chemical Works; prepared pay premium. Write terms, P.C.B. 143/2, Office of this Paper.

## NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

## SITUATIONS OPEN.

### RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**L**ONDON, E.—Qualified Manager required immediately; must be young, energetic and possess good business-building ability. Please give full particulars and state salary expected, to 233/22, Office of this Paper.

**L**ONDON, S.E.18.—Qualified Manager required immediately for Branch shop (single hand); must be good Counterman and Window-dresser. Apply B., 50 Barking Road, Canning Town, E.16.

**L**ONDON, S.W.—Manager (about 30); small middle-class Retail; preferably multiple experience; no house; permanent, progressive post to suitable applicant. Also Unqualified Assistant for about 6 weeks for Chertsey. Full particulars, including salary, to Robertshaw, 88 Guildford Street, Chertsey.

**M**ANCHESTER.—Qualified Manager required for branch shop in working-class district; commence January 1; no Sunday duty. State age, experience and salary required to 233/51, Office of this Paper.

**M**ANCHESTER.—Senior Assistant with good-class London experience; as Manager later if suitable; state age, experience and salary required. 232/19, Office of this Paper.

**M**ANCHESTER.—Wanted, Qualified Chemist, also able to do Sight-Testing, for Retail Cash Business; permanency; state full particulars as to age, experience, salary, copy references, &c. Latewards, Ltd., 389 Ashton New Road, Manchester, 11.

**M**ANCHESTER DISTRICT.—Chemist to work up neglected business with view to Partnership; good prospects for energetic young man with initiative and ability. Harrison, 30 Clifton Drive, Crumpsall, Manchester.

**S**URREY.—Unqualified Assistant (either sex) required immediately for temporary post; must be smart and thoroughly experienced in Dispensing, Counter and Window-dressing. Write, stating fullest particulars and enclosing photo if possible (will be returned only if stamped addressed envelope sent). 252/141, Office of this Paper.

**A** VACANCY occurs in a High-class Pharmacy in the Bournemouth area for a Young Qualified Lady Assistant; efficient, quick Dispensing and good knowledge of the Toilet side essential; state salary and, if possible, send photograph when applying. Pharmaceutical Chemist, 232/4, Office of this Paper.

**A**SSISTANTS required for East End of London; Qualified (aged 27-40) and Unqualified (aged 25-35); must be efficient Dispensers and experienced Countermen; Window-dressing an advantage; permanencies for the right men. Telephone Royal 4594 for interview.

**G**ENTLEMAN required as Dispenser in Private Surgery in London; Junior entertained. Please write particulars of age, experience and salary to Dr. Thornton, 573 Romford Road, E.7.

**J**UNIOR (either sex) required shortly in very High-class Pharmacy near Wimbledon; exceptional experience and hours; applicants must have served an indentured apprenticeship and be of good appearance and address. Apply with usual particulars to 232/14, Office of this Paper.

**J**UNIOR for Dispensing and Counter. Apply, with full particulars as to age, height, references, experience and salary desired (outdoor), Wiggins, Chemist, Ipswich.

**J**UNIOR or Improver required immediately for good-class Surrey business 15 miles from London; applicants must have had sound training and some good Dispensing experience; time for study granted if required; please state age, height and when free, also give last reference. 233/39, Office of this Paper.

**L**ADY Assistant, Unqualified, for Toilet Side for two weeks prior to Christmas; resident near London preferred; personal interview required. Morrell & Dixon, 7 Central Parade, Wembley.

**L**ADY Assistant wanted at once for Supervising of Packing Staff and Relief Work at Surgical Requisite Counter. Apply after 1 p.m., Hancock & Co., Ltd., Chemists, 144 Fleet Street, E.C.4.

**N.W.1.**—Assistant (about 36), Qualified, for December 8; must have a sound all-round knowledge of the trade and not be afraid of work. Fairfax, Chemist, 116 Seymour Street, Euston, London.

**P**ART-TIME Qualified Assistant Dispenser required for six half-days per week; not suitable for a locum or temporary assistant. Applications with full particulars, including other engagements, if any, to the Acting Secretary, Royal Free Hospital, Gray's Inn Road, London, W.C.1.

**QUALIFIED** Chemist, Lady or Gentleman, required for working-class district, North London; experienced in general Retail and quick N.H.I.; permanent; one assistant kept; state lowest salary, with references; letters not answered in six days respectfully declined. 233/6, Office of this Paper.

**UNQUALIFIED** Assistant for Drug Stores; must have served Apprenticeship. State age, salary, experience, &c., Hulme's Speciality Depots, Ltd., 82 Upper Parliament Street, Nottingham.

**UNQUALIFIED** Assistant, London (City), for the week before Christmas; preferably one at evening classes; possibility of part-time during the day after Christmas. Write only, stating what hours available. Citipost, 18 Brookfield Road, W.4.

**UNQUALIFIED** Assistant (under 30 preferred), Male, wanted; must be an accurate Dispenser and accustomed to quick Counter trade. Apply, stating age, experience, salary required, to Wm. Fox & Sons, Ltd., 109, 111, 113 Bethnal Green Road, London, E.2 (10 minutes Liverpool Street).

**WANTED IMMEDIATELY**—Smart Unqualified Junior Assistant for Counter work; good references required. Jenkin, Bath Spa Pharmacy, Bath.

**WANTED**—Unqualified Lady Assistant for Drug and Optical Department. State age, wages and full particulars of experience not later than Saturday, December 8, 1934, to General Manager, Brighthouse District Industrial Society, Ltd.

**WANTED**—Young Assistant (18 to 21) (Lady or Gent.) for country business, 30 miles North of London. Apply, with full particulars of experience, age, height and salary required (which must be moderate), 233/35, Office of this Paper.

**YORK**—Qualified Assistant required for N.H.I. Dispensing and Counter Work; give full particulars of experience, with copies of references, age, height and salary required. 235/1, Office of this Paper.

### WHOLESALE.

**ARTHUR BERTON, LTD.**, desire efficient Representative for West Country (Devon, Cornwall, Somerset, Dorset and Wiltshire); Surgical Dressing experience preferred; must be residential and own a car. Written application only, giving fullest particulars, to Britannia House, 256-260 Old Street, E.C.1.

**CAPABLE** Laboratory Assistant (about 21 years of age) for the Cream Room of a Modern Cosmetic Factory. Full particulars to 252/143, Office of this Paper.

**LADY** Analyst required in leading London Manufacturing House; must be conversant with General Pharmaceutical Analysis. Write stating experience, qualifications and salary required to 252/137, Office of this Paper.

**LARGE** firm of Manufacturing Chemists have a vacancy on their staff for a Representative with connection with Chemists and Doctors in the London area. Applications treated in strict confidence. 252/142, Office of this Paper.

**TRAVELLER** required for Lancashire, Cheshire and Isle of Man by first-class Perfumery House; the products are well advertised and of international repute; terms: salary, commission and out-of-pocket expenses; car provided; only strong experienced men with successful records and well-known on the ground will be considered. Full particulars by letter, age and experience, etc., 252/139, Office of this Paper.

**WANTED**—Traveller with connection, already calling on Veterinary Surgeons, etc., to introduce special lines of Health-giving Dog Foods, Kibbled Roasted Rusk, Wholemeal Biscuit Flakes, special Mixed Variety Diet. Please apply with references to John Hanson & Sons, Argyle Mills, Argyle Street, Liverpool 1.

**WELL-KNOWN** and old-established London House has a Vacancy for a Representative in the Midlands, willing to reside in the Birmingham area. Applicants must have a thorough knowledge of the Proprietary Trade and a current and well-established connection with Chemists in this area. Write, giving details of experience, age and qualifications, to 252/144, Office of this Paper.

**YOUNG** Chemist, experienced in Manufacture of Lipsticks, Vanishing Creams, etc., required by Premier Firm in Irish Free State. Write stating age, experience, salary desired. 252/140, Office of this Paper.

### PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

## SITUATIONS WANTED.

### RETAIL (HOME).

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**A.A.A.A.**—ASSISTANT, Unqualified (24); tall; 8 years' London and Provincial experience; conscientious; capable Dispenser-Salesman, Window-dresser. Chemicus, 37 Bywater Street, Chelsea, S.W.3.

**A.A.A.**—KEEN Assistant (30), Unqualified, good address, excellent experience Dispensing and Sales, but out of Retail some time, desires opportunity to return; town or country; anywhere. F. S., 130 Squirrels Heath Lane, Hornchurch, Essex.

**A.A.A.**—M.P.S., Scot (27), experienced; Manager or Assistant; permanent or temporary; good references; prefer interview; North or Eastern districts London; now free; Dispensing, Prescribing, etc. "Pharm.," 6 Aylmer Road, E.11.

**A.A.A.**—QUALIFIED (25), 8½ years' experience City and Provinces, seeks post in Wales as Manager with view to succession; capital available; at present engaged. 234/3, Office of this Paper.

**A.A.**—LOCUM, permanent; tall, adaptable; Photographer; London, seaside experience; unregistered; well recommended; all berths. "Mac," Wotton-under-Edge, Glos.

**A.**—QUALIFIED Lady seeks permanency; capable; experienced in all branches; Manager or Assistant. Pharmacist, 4 Mansfield Road, N.W.3.

**A** LOCUM (22), Qualified, or permanency required; good experience; London preferred; free. Thompson, 57 Colworth Road, Leytonstone, E.11.

**A** QUALIFIED Manager or Assistant, 20 years' all-round experience, requires position London or Suburbs. Davies, 109 Alexandra Drive, Surbiton, Surrey.

**A** CTIVE, middle-aged Assistant, Unqualified; efficient in each department; sound credentials. "Adaptable," 21 Disraeli Road, Putney, S.W.15.

**A** DVERTISER, Unqualified (42); tall; active; undeniable references; thoroughly reliable; permanency, relief; abstainer; disengaged. Mack, 18 Aycliffe Road, W.12.

**A** N experienced Qualified (29) requires progressive berth; permanent or locum; London preferred, not essential; excellent references and ability; disengaged. "Spero," 28 Saltoun Road, Brixton, S.W.2.

**A** SSISTANT; competent Dispenser and Salesman; 25 years' experience; single, active, Unqualified. "Aspirin," 61 Fartown Green Road, Fartown, Huddersfield.

**A** SSISTANT, Unqualified; disengaged; Dispensing, Counter; part-time, locum or permanency; experienced. Write C. G., 2A Yalding Road, Bermondsey, S.E.16.

**A** SSISTANT (25); conscientious; knowledge of Optics, own equipment; capable Dispenser; experienced all branches of good-class business; Essex or vicinity preferred, but not essential. 232/6, Office of this Paper.

**A** SSISTANT (24), Qualified, desires change; high-class Dispensing Business preferred; disengaged December 31; excellent references; London experience. 232/16, Office of this Paper.

**A** SSISTANT (23), town and country experience; good Salesman, Dispenser, Stock-keeper; excellent references; disengaged. Aston, "Sunnycroft," Bath Parade, Cheltenham.

**A** SSISTANT (23), Unqualified, seeks post; well recommended; accurate Dispenser; capable all branches; abstainer. Rees, 2 Norman Street, Port Talbot.

**A** SSISTANT (25), Unqualified; West End, seaside, City; N.H.I.; accurate Dispenser, Window-dressing; London. "C.," 44 Turneville Road, W.14.

**A** SSISTANT (31), Unqualified, 14 years' experience, desires change; sound knowledge all departments Pharmacy. Conby, 7 Harwoods Yard, Wades Hill, N.21.

**C** HEMIST-OPTICIAN, experienced Manager, M.P.S., F.B.O.A., requires responsible position; keen Salesman, able Refractionist and Fitter; available New Year. 232/18, Office of this Paper.

**C** HEMIST, Scotsman, experienced Prescriber, disengaged, desires Management or Senior, London or Provinces; moderate salary. "Drug," 30 Christchurch Road, Doncaster.

**D** ISENGAGED.—Qualified (44); Manager or Senior; good all-round experience; references; permanent or locum. Halkes, 56 Weltje Road, Hammersmith.

**K** EEN Young Qualified (23) desires change; excellent Counter and High-class Dispensing experience on South Coast, &c.; City or West End given preference. 228/6, Office of this Paper.

**L** ADY Dispenser, Junior (Hall), requires post Doctor, Hospital or Institution, Book-keeping, Typing; disengaged. "T.", 73 Northall Road, Barmhurst, Bexleyheath, Kent. Telephone: Bexleyheath 984.

**L** ADY Pharmacist requires post, part time or locum; good general experience; free now. Pharmacist, 5 Randolph Gardens, N.W.6.

**L** ADY, 12 years' experience all branches, London, &c., requires Christmas or permanent post, anywhere. 22 Earlsdon Avenue, Coventry.

**L** OCUM, disengaged; any period; first-class references and experience. Locum, 56 Rudloe Road, Clapham Park, S.W.12.

**L** OCUM or Manager (36), Qualified; good experience; Counter, Dispensing, etc. "Chemist," 50 Grove Lane, Camberwell, S.E.5. Phone: Rodney 2719.

**L** OCUM, Qualified; experienced Hospital and Retail; courteous Salesman; accurate Dispenser; recent satisfactory references. "Chemist," 22 Streatham Hill, S.W.2.

**M** ANCHESTER OR SALFORD.—M.P.S. (37) requires Managerial post; good Dispenser, Counter, Prescriber and Window-dresser; good references; conscientious and abstainer. Tel.: Trafford Park 0765. M.P.S., 27 Regent Road, Salford.

**M.P.S.**, MARRIED; Senior or Branch Manager; London or South Coast; free now. "Genaspirin," "Hollywell," Kingston Crescent, Portsmouth.

**M.P.S.** REQUIRES post as Manager or Assistant; excellent references; good Dispensing experience, Hospital and Retail; French linguist. 233/2, Office of this Paper.

**M.P.S.** (22; 5 ft. 10 in.); good appearance; University trained; 5 years' good-class experience; disengaged. Swindells, 22 Sholehroke Terrace, Leeds, 7.

**M.P.S.** (30); 5 years as Manager; London experience; excellent references; capable Prescriber, Salesman, Window-dresser; whole or part-time; London preferred; disengaged. Lewis, 1 Cambridge Gardens, W.10.

**Q** UALIFIED Dispenser (Woman) desires work; good Secretary, Typist, Book-keeper; some Nursing experience; free now. P.C.B. 142/35, Office of this Paper.

**Q** UALIFIED; first-class experience in City, West End and Suburbs. Charles Adam, 31 The Vineyard, Richmond, Surrey.

**Q** UALIFIED, Manager or Assistant, permanent or locum; 20 years' experience Dispensing, Counter, Photographic; disengaged. C. A. Livie, Kimbolton, Hunts. Telephone 22.

**Q** UALIFIED (26), disengaged; single; male; good references; Dispensing, Counter, Photography. Rooke, M.P.S., 39 Frithville Gardens, Shepherds Bush, W.12.

**Q** UALIFIED (52), single; high-class West End and Provincial experience. "Chemist," 2 New Parade, Green Street Green, Farnborough, Kent.

**Q** UALIFIED (24); single, tall; disengaged; moderate salary; good Dispenser and Window-dresser; keen Photographer. Brooker, "Tylands," Sandling, Maidstone.

**Q** UALIFIED (31); single; varied experience London, country; good Dispenser, Prescriber, Salesman, Window-dresser; excellent references. 233/3, Office of this Paper.

**Q** UALIFIED (25), with good, all-round experience, seeks permanency; London area preferred. 233/7, Office of this Paper.

**S** ALES MAN (33), Unqualified; a really good Salesman is open for engagement; sound knowledge Dispensing, Counter, Truss Fitting, Window-dressing; real worker; excellent references. Searle, 23 Southern Way, Romford.

**U** NQUALIFIED (21), tall, Dispensing, Window-dressing, Counter, good Agricultural experience, requires situation. Gilhert, Kirtton, Boston, Lincs.

**W** ANTED, post Junior Dispenser in Hospital, whole or part time; Apoth. Hall; London Matric.; 9 months' experience. Apply Draper, 45 Upper Tooting Road, S.W.17.

**Y** OUNG Lady (Apoth. Hall Cert.) requires position as Junior Dispenser in Hospital in London. Write 233/14, Office of this Paper.

#### WHOLESALE.

**A** REPRESENTATIVE with first-class references, records and connection London and provinces desires position with good house; sound experience in Drug and Toilet; would consider Agencies paying expenses; resident London. 226/28, Office of this Paper.

**A** REPRESENTATIVE with first-class references, Sales Records and connection with Chemists, Stores in London and Provinces wishes to Represent a First-class House. Apply 232/5, Office of this Paper.

**A** DVERTISER (33) desires progressive appointment where sound knowledge of the Packed Goods Trade (covering General Packed Lines, Patents and Confectionery Type Goods) can be of value; excellent experience of Costing (from material to finished pack), Buying, Orders, Stocks, Correspondence, &c.; salary from 90s.; suitable Depot Manager or similar. 233/31, Office of this Paper.

**A** SSISTANT, 8 years Retail, seeks Wholesale situation, Drugs, Patents, Stock-keeping, Packing, anything similar nature; free in New Year. 233/13, Office of this Paper.

**E** NERGETIC Traveller, area South Wales, desires another Quick-Selling Llu. Only genuine representations please write 231/3, Office of this Paper.

**E** NTERPRISING, energetic Traveller (25), excellent connection London, Home Counties, desires position; car. "M.," 67 Mayfield Avenue, North Finchley.

**I** RISH FREE STATE TARIFF REGULATION.—Chemist, Irish qualification, conversant with above, extensive experience Importing, Exporting, good Organiser, Controller of Labour, excellent references, seeks introduction English Manufacturing Firm view business I.F.S.; available interview London. P.C.B. 142/9, Office of this Paper.

**I** RISHMAN wishes to represent British firm in Dublin, Drugs, Perfumery, Electro-medical, or as Medical Representative; excellent references. T. D., 22 Albert Street, N.W.1.

**M** ANUFACTURERS.—Are you in need of a reliable Salesman immediately? I have a solid Chemists Connection, South and West, and am well known to Pharmacists over the whole territory; experienced Proprietaries, Perfumery, Medicated Confections, &c.; sound references; ready to start at once. Egar, 23 Granada Road, Southsea, Hants.

**M** EDICAL PROPAGANDA.—Sales, own car; 30 years' exceptional record; highest credentials, M.O.H. Bill of Health; 7 years last engagement; Hants and West of; permanencies and first-class houses only. "Stability," Barley Mow, Barnstable.

**M** EDICAL REPRESENTATION.—Expert Propagandist, with unexceptionable credentials, wide experience amongst Physicians, Surgeons, Institutions, Clinics, sound knowledge Medicine, Therapeutics, desires re-engagement. "E. D.," 9 Fawley Road, N.W.3.

**M** EDICAL REPRESENTATIVE.—Qualified Pharmacist, young, excellent propaganda experience, with administrative and interviewing ability, seeks permanent and progressive position with leading house; requisite personality, appearance; knowledge Therapeutics; resident London. 234/6, Office of this Paper.

**S** ALES Director who has successfully marketed Proprietary lines desires Managerial post. Write Box 121, Basil Butler Co., Ltd., 5/9 Quality Court, Chancery Lane, W.C.2.

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